

## **TUBING, FITTINGS**

**STEEL TUBING****METRIC STEEL TUBING**

EO (Ermeto) type seamless cold drawn annealed hydraulic steel tubing.  
DIN 2445. All sizes in 6 meter lengths.

| <b><u>PART #</u></b> | <b><u>TUBE<br/>O.D.</u></b> | <b><u>WALL<br/>THICK.</u></b> | <b><u>TUBE<br/>I.D.</u></b> | <b><u>WORK<br/>PRESS.</u></b> | <b><u>WEIGHT<br/>KG/MT</u></b> |
|----------------------|-----------------------------|-------------------------------|-----------------------------|-------------------------------|--------------------------------|
| <b>70 030</b>        | 6mm                         | 1.0mm                         | 4mm                         | 389 Bar                       | 0.123                          |
| <b>70 031</b>        | 8mm                         | 1.0mm                         | 6mm                         | 333 Bar                       | 0.222                          |
| <b>70 032</b>        | 10mm                        | 1.5mm                         | 7mm                         | 373 Bar                       | 0.314                          |
| <b>70 033</b>        | 12mm                        | 1.5mm                         | 9mm                         | 353 Bar                       | 0.388                          |
| <b>70 034</b>        | 14mm                        | 2.0mm                         | 10mm                        | 403 Bar                       | 0.592                          |
| <b>70 035</b>        | 15mm                        | 1.5mm                         | 12mm                        | 282 Bar                       | 0.499                          |
| <b>70 036</b>        | 16mm                        | 2.0mm                         | 12mm                        | 353 Bar                       | 0.691                          |
| <b>70 037</b>        | 18mm                        | 2.0mm                         | 14mm                        | 313 Bar                       | 0.789                          |
| <b>70 038</b>        | 20mm                        | 2.5mm                         | 15mm                        | 353 Bar                       | 1.079                          |
| <b>70 039</b>        | 22mm                        | 2.0mm                         | 18mm                        | 256 Bar                       | 0.986                          |
| <b>70 040</b>        | 25mm                        | 3.0mm                         | 19mm                        | 338 Bar                       | 1.628                          |
| <b>70 041</b>        | 28mm                        | 2.5mm                         | 23mm                        | 252 Bar                       | 1.572                          |
| <b>70 042</b>        | 30mm                        | 3.0mm                         | 24mm                        | 282 Bar                       | 1.998                          |
| <b>70 043</b>        | 35mm                        | 3.0mm                         | 29mm                        | 242 Bar                       | 2.367                          |
| <b>70 044</b>        | 38mm                        | 4.0mm                         | 30mm                        | 297 Bar                       | 3.354                          |
| <b>70 045</b>        | 42mm                        | 3.0mm                         | 36mm                        | 201 Bar                       | 2.885                          |

## **STAINLESS STEEL TUBING**



### **METRIC STAINLESS STEEL TUBING**

EO (Ermeto) type seamless cold drawn heat-treated hydraulic stainless steel tubing. DIN 2413. All sizes in 6 meter lengths.

| <b><u>PART #</u></b> | <b><u>TUBE O.D.</u></b> | <b><u>WALL THICK.</u></b> | <b><u>TUBE I.D.</u></b> | <b><u>WORK PRESS.</u></b> | <b><u>WEIGHT KG/MT</u></b> |
|----------------------|-------------------------|---------------------------|-------------------------|---------------------------|----------------------------|
| <b>70 500</b>        | 6mm                     | 1.0mm                     | 4mm                     | 426 Bar                   | 0.125                      |
| <b>70 501</b>        | 8mm                     | 1.0mm                     | 6mm                     | 368 Bar                   | 0.175                      |
| <b>70 502</b>        | 10mm                    | 1.5mm                     | 7mm                     | 389 Bar                   | 0.319                      |
| <b>70 503</b>        | 12mm                    | 1.5mm                     | 9mm                     | 368 Bar                   | 0.394                      |
| <b>71 000</b>        | 14mm                    | 1.5mm                     | 11mm                    | 315 Bar                   | 0.469                      |
| <b>70 504</b>        | 15mm                    | 1.5mm                     | 12mm                    | 294 Bar                   | 0.507                      |
| <b>70 505</b>        | 16mm                    | 1.5mm                     | 13mm                    | 268 Bar                   | 0.536                      |
| <b>70 506</b>        | 18mm                    | 1.5mm                     | 14mm                    | 245 Bar                   | 0.620                      |
| <b>70 507</b>        | 20mm                    | 2.0mm                     | 16mm                    | 294 Bar                   | 0.901                      |
| <b>70 508</b>        | 22mm                    | 2.0mm                     | 18mm                    | 267 Bar                   | 1.002                      |
| <b>70 509</b>        | 24mm                    | 2.0mm                     | 20mm                    | 216 Bar                   | 1.068                      |
| <b>70 510</b>        | 25mm                    | 2.0mm                     | 21mm                    | 234 Bar                   | 1.284                      |
| <b>71 017</b>        | 28mm                    | 2.0mm                     | 24mm                    | 210 Bar                   | 1.302                      |
| <b>70 511</b>        | 30mm                    | 2.5mm                     | 25mm                    | 294 Bar                   | 1.948                      |
| <b>70 512</b>        | 35mm                    | 2.5mm                     | 30mm                    | 246 Bar                   | 1.888                      |
| <b>70 513</b>        | 38mm                    | 2.5mm                     | 33mm                    | 209 Bar                   | 2.354                      |
| <b>70 514</b>        | 42mm                    | 3.0mm                     | 36mm                    | 210 Bar                   | 2.930                      |

## **CHROME PLATED COPPER TUBING**



Rigid seamless in 1 meter length

| <b><u>PART #</u></b> | <b><u>SIZE</u></b> |
|----------------------|--------------------|
| <b>72 506</b>        | 8 mm               |
| <b>72 507</b>        | 10 mm              |
| <b>72 508</b>        | 12 mm              |
| <b>72 509</b>        | 15 mm              |

Flexible soft tubing in 5 meter coils

| <b><u>PART #</u></b> | <b><u>SIZE</u></b> |
|----------------------|--------------------|
| <b>72 599</b>        | 6 mm               |
| <b>72 600</b>        | 8 mm               |
| <b>72 601</b>        | 10 mm              |
| <b>72 602</b>        | 12 mm              |
| <b>72 603</b>        | 15 mm              |

## **COPPER TUBING**



### **METRIC COPPER TUBING - HARD**

Rigid seamless copper tubing in 5 meter lengths.

| <b><u>PART #</u></b> | <b><u>TUBE O.D.</u></b> | <b><u>WALL THICK.</u></b> | <b><u>TUBE I.D.</u></b> | <b><u>WORK PRESS.</u></b> | <b><u>WEIGHT KG/MT</u></b> | <b><u>ISSA #</u></b> |
|----------------------|-------------------------|---------------------------|-------------------------|---------------------------|----------------------------|----------------------|
| 70 006               | 4mm                     | 0.8mm                     | 4mm                     | 148 Bar                   | 0.118                      |                      |
| 70 001               | 6mm                     | 1.0mm                     | 4mm                     | 142 Bar                   | 0.141                      | 71 14 04             |
| 70 002               | 8mm                     | 1.0mm                     | 6mm                     | 109 Bar                   | 0.196                      | 71 14 10             |
| 70 004               | 10mm                    | 1.0mm                     | 8mm                     | 85 Bar                    | 0.255                      | 71 14 16             |
| 70 005               | 12mm                    | 1.0mm                     | 10mm                    | 70 Bar                    | 0.385                      | 71 14 19             |
| 70 007               | 14mm                    | 1.0mm                     | 12mm                    | 64 Bar                    | 0.399                      | 71 14 27             |
| 70 008               | 15mm                    | 1.0mm                     | 13mm                    | 56 Bar                    | 0.448                      | 71 14 30             |
| 70 009               | 16mm                    | 1.0mm                     | 14mm                    | 52 Bar                    | 0.411                      | 71 14 38             |
| 70 010               | 18mm                    | 1.0mm                     | 16mm                    | 47 Bar                    | 0.477                      | 71 14 41             |
| 70 011               | 20mm                    | 1.5mm                     | 17mm                    | 42 Bar                    | 0.803                      | 71 14 49             |
| 70 012               | 22mm                    | 1.5mm                     | 19mm                    | 57 Bar                    | 0.881                      | 71 14 52             |
| 70 013               | 25mm                    | 1.5mm                     | 22mm                    |                           | 0.992                      | 71 14 57             |
| 70 014               | 28mm                    | 1.5mm                     | 25mm                    |                           | 1.141                      | 71 14 64             |
| 70 015               | 30mm                    | 2.0mm                     | 26mm                    |                           | 1.756                      |                      |
| 70 003               | 35mm                    | 2.0mm                     | 31mm                    |                           | 1.961                      |                      |
| 70 017               | 38mm                    | 2.0mm                     | 34mm                    |                           | 2.121                      |                      |
| 70 016               | 42mm                    | 2.0mm                     | 38mm                    |                           | 2.272                      |                      |

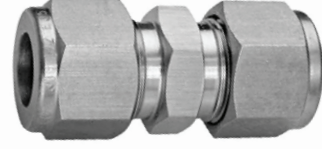


### **METRIC COPPER TUBING - SOFT**

Flexible annealed copper tubing in 10 meter pancake coils.

| <b><u>PART #</u></b> | <b><u>TUBE O.D.</u></b> | <b><u>WALL THICK.</u></b> | <b><u>TUBE I.D.</u></b> | <b><u>WORK PRESS.</u></b> | <b><u>WEIGHT KG/ROLL</u></b> | <b><u>ISSA#</u></b> |
|----------------------|-------------------------|---------------------------|-------------------------|---------------------------|------------------------------|---------------------|
| 70 018               | 4mm                     | .8mm                      | 2.4mm                   | 111 Bar                   | 1.05                         |                     |
| 70 020               | 6mm                     | .8mm                      | 4.4mm                   | 107 Bar                   | 1.25                         | 71 15 02            |
| 70 021               | 8mm                     | .8mm                      | 6.4mm                   | 82 Bar                    | 1.66                         | 71 15 04            |
| 70 022               | 10mm                    | .8mm                      | 8.4mm                   | 66 Bar                    | 2.15                         | 71 15 06            |
| 70 023               | 12mm                    | 1.0mm                     | 10.4mm                  | 55 Bar                    | 2.72                         | 71 15 07            |
| 70 024               | 14mm                    | 1.0mm                     | 12.4mm                  | 50 Bar                    | 2.89                         |                     |
| 70 019               | 15mm                    | 1.0mm                     | 13.4mm                  | 44 Bar                    | 3.25                         |                     |
| 70 025               | 16mm                    | 1.0mm                     | 14.0mm                  | 52 Bar                    | 3.55                         |                     |

## **METRIC COMPRESSION UNION** **G-TYPE**



### **STEEL**

| <b><u>PART #</u></b> | <b><u>SIZE</u></b> |
|----------------------|--------------------|
| <b>71 221</b>        | 4mm                |
| <b>71 222</b>        | 6mm                |
| <b>71 223</b>        | 8mm                |
| <b>71 224</b>        | 10mm               |
| <b>71 225</b>        | 12mm               |
| <b>71 226</b>        | 14mm               |
| <b>71 227</b>        | 15mm               |
| <b>71 228</b>        | 16mm               |
| <b>71 229</b>        | 18mm               |
| <b>71 230</b>        | 20mm               |
| <b>71 231</b>        | 22mm               |
| <b>71 232</b>        | 25mm               |
| <b>71 233</b>        | 28mm               |
| <b>71 234</b>        | 30mm               |
| <b>71 235</b>        | 35mm               |
| <b>71 236</b>        | 38mm               |
| <b>71 237</b>        | 42mm               |

### **BRASS**

| <b><u>PART #</u></b> | <b><u>SIZE</u></b> |
|----------------------|--------------------|
| <b>71 238</b>        | 4mm                |
| <b>71 239</b>        | 6mm                |
| <b>71 240</b>        | 8mm                |
| <b>71 241</b>        | 10mm               |
| <b>71 242</b>        | 12mm               |
| <b>71 243</b>        | 14mm               |
| <b>71 244</b>        | 15mm               |
| <b>71 245</b>        | 16mm               |
| <b>71 246</b>        | 18mm               |
| <b>71 247</b>        | 20mm               |
| <b>71 248</b>        | 22mm               |
| <b>71 249</b>        | 25mm               |
| <b>71 250</b>        | 28mm               |
| <b>71 251</b>        | 30mm               |
| <b>71 252</b>        | 35mm               |
| <b>71 253</b>        | 38mm               |
| <b>71 254</b>        | 42mm               |

### **STAINLESS STEEL**

| <b><u>PART #</u></b> | <b><u>SIZE</u></b> |
|----------------------|--------------------|
| <b>71 255</b>        | 4mm                |
| <b>71 256</b>        | 6mm                |
| <b>71 257</b>        | 8mm                |
| <b>71 258</b>        | 10mm               |
| <b>71 259</b>        | 12mm               |
| <b>71 260</b>        | 14mm               |
| <b>71 261</b>        | 15mm               |
| <b>71 262</b>        | 16mm               |
| <b>71 263</b>        | 18mm               |
| <b>71 264</b>        | 20mm               |
| <b>71 265</b>        | 22mm               |
| <b>71 266</b>        | 25mm               |
| <b>71 267</b>        | 28mm               |
| <b>71 268</b>        | 30mm               |
| <b>71 269</b>        | 35mm               |
| <b>71 270</b>        | 38mm               |
| <b>71 271</b>        | 42mm               |

## **METRIC COMPRESSION ELBOW** **W-TYPE**



### **STEEL**

| <u><b>PART #</b></u> | <u><b>SIZE</b></u> |
|----------------------|--------------------|
| <b>71 272</b>        | 4mm                |
| <b>71 273</b>        | 6mm                |
| <b>71 274</b>        | 8mm                |
| <b>71 275</b>        | 10mm               |
|                      |                    |
| <b>71 276</b>        | 12mm               |
| <b>71 277</b>        | 14mm               |
| <b>71 278</b>        | 15mm               |
| <b>71 279</b>        | 16mm               |
|                      |                    |
| <b>71 280</b>        | 18mm               |
| <b>71 281</b>        | 20mm               |
| <b>71 282</b>        | 22mm               |
| <b>71 283</b>        | 25mm               |
|                      |                    |
| <b>71 284</b>        | 28mm               |
| <b>71 285</b>        | 30mm               |
| <b>71 286</b>        | 35mm               |
| <b>71 287</b>        | 38mm               |
| <b>71 288</b>        | 42mm               |

### **BRASS**

| <u><b>PART #</b></u> | <u><b>SIZE</b></u> |
|----------------------|--------------------|
| <b>71 289</b>        | 4mm                |
| <b>71 290</b>        | 6mm                |
| <b>71 291</b>        | 8mm                |
| <b>71 292</b>        | 10mm               |
|                      |                    |
| <b>71 293</b>        | 12mm               |
| <b>71 294</b>        | 14mm               |
| <b>71 295</b>        | 15mm               |
| <b>71 296</b>        | 16mm               |
|                      |                    |
| <b>71 297</b>        | 18mm               |
| <b>71 298</b>        | 20mm               |
| <b>71 299</b>        | 22mm               |
| <b>72 300</b>        | 25mm               |
|                      |                    |
| <b>72 301</b>        | 28mm               |
| <b>72 302</b>        | 30mm               |
| <b>72 303</b>        | 35mm               |
| <b>72 304</b>        | 38mm               |
| <b>72 305</b>        | 42mm               |

### **STAINLESS STEEL**

| <u><b>PART #</b></u> | <u><b>SIZE</b></u> |
|----------------------|--------------------|
| <b>72 306</b>        | 4mm                |
| <b>72 307</b>        | 6mm                |
| <b>72 308</b>        | 8mm                |
| <b>72 309</b>        | 10mm               |
|                      |                    |
| <b>72 310</b>        | 12mm               |
| <b>72 311</b>        | 14mm               |
| <b>72 312</b>        | 15mm               |
| <b>72 313</b>        | 16mm               |
|                      |                    |
| <b>72 314</b>        | 18mm               |
| <b>72 315</b>        | 20mm               |
| <b>72 316</b>        | 22mm               |
| <b>72 317</b>        | 25mm               |
|                      |                    |
| <b>72 318</b>        | 28mm               |
| <b>72 319</b>        | 30mm               |
| <b>72 320</b>        | 35mm               |
| <b>72 321</b>        | 38mm               |
| <b>72 322</b>        | 42mm               |

## **METRIC COMPRESSION TEE** **T-TYPE**



### **STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 323        | 4mm         |
| 71 324        | 6mm         |
| 71 325        | 8mm         |
| 71 326        | 10mm        |
| 71 327        | 12mm        |
| 71 328        | 14mm        |
| 71 329        | 15mm        |
| 71 330        | 16mm        |
| 71 331        | 18mm        |
| 71 332        | 20mm        |
| 71 333        | 22mm        |
| 71 334        | 25mm        |
| 71 335        | 28mm        |
| 71 336        | 30mm        |
| 71 337        | 35mm        |
| 71 338        | 38mm        |
| 71 339        | 42mm        |

### **BRASS**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 340        | 4mm         |
| 71 341        | 6mm         |
| 71 342        | 8mm         |
| 71 343        | 10mm        |
| 71 344        | 12mm        |
| 71 345        | 14mm        |
| 71 346        | 15mm        |
| 71 347        | 16mm        |
| 71 348        | 18mm        |
| 71 349        | 20mm        |
| 71 350        | 22mm        |
| 71 351        | 25mm        |
| 71 352        | 28mm        |
| 71 353        | 30mm        |
| 71 354        | 35mm        |
| 71 355        | 38mm        |
| 71 356        | 42mm        |

### **STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 358        | 4mm         |
| 71 359        | 6mm         |
| 71 360        | 8mm         |
| 71 361        | 10mm        |
| 71 362        | 12mm        |
| 71 363        | 14mm        |
| 71 364        | 15mm        |
| 71 365        | 16mm        |
| 71 366        | 18mm        |
| 71 367        | 20mm        |
| 71 368        | 22mm        |
| 71 369        | 25mm        |
| 71 370        | 28mm        |
| 71 371        | 30mm        |
| 71 372        | 35mm        |
| 71 373        | 38mm        |
| 71 374        | 42mm        |

## **METRIC COMPRESSION CROSS K-TYPE**



### **STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 375        | 4mm         |
| 71 376        | 6mm         |
| 71 377        | 8mm         |
| 71 378        | 10mm        |
| 71 379        | 12mm        |
| 71 380        | 14mm        |
| 71 381        | 15mm        |
| 71 382        | 16mm        |
| 71 383        | 18mm        |
| 71 384        | 20mm        |
| 71 385        | 22mm        |
| 71 386        | 25mm        |
| 71 387        | 28mm        |
| 71 388        | 30mm        |
| 71 389        | 35mm        |
| 71 390        | 38mm        |
| 71 391        | 42mm        |

### **BRASS**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 392        | 4mm         |
| 71 393        | 6mm         |
| 71 394        | 8mm         |
| 71 395        | 10mm        |
| 71 396        | 12mm        |
| 71 397        | 14mm        |
| 71 398        | 15mm        |
| 71 399        | 16mm        |
| 71 357        | 22mm        |

### **STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 400        | 6mm         |
| 71 401        | 8mm         |
| 71 402        | 10mm        |
| 71 403        | 12mm        |
| 71 404        | 14mm        |
| 71 405        | 15mm        |
| 71 406        | 16mm        |
| 71 407        | 18mm        |
| 71 408        | 20mm        |
| 71 409        | 22mm        |
| 71 410        | 25mm        |
| 71 560        | 28mm        |
| 71 561        | 30mm        |
| 71 562        | 35mm        |
| 71 563        | 38mm        |
| 71 564        | 42mm        |

## **METRIC COMPRESSION BULKHEAD UNION** **SV-TYPE**



### **STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 824        | 6mm         |
| 71 825        | 8mm         |
| 71 826        | 10mm        |
| 71 827        | 12mm        |
| 71 828        | 14mm        |
| 71 829        | 15mm        |
| 71 830        | 16mm        |
| 71 831        | 18mm        |
| 71 832        | 20mm        |
| 71 833        | 22mm        |
| 71 834        | 25mm        |
| 71 835        | 28mm        |
| 71 836        | 30mm        |
| 71 837        | 35mm        |
| 71 838        | 38mm        |
| 71 839        | 42mm        |

### **BRASS**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 840        | 6mm         |
| 71 841        | 8mm         |
| 71 842        | 10mm        |
| 71 843        | 12mm        |
| 71 844        | 14mm        |
| 71 845        | 15mm        |
| 71 846        | 16mm        |
| 71 847        | 18mm        |

### **STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 856        | 6mm         |
| 71 857        | 8mm         |
| 71 858        | 10mm        |
| 71 859        | 12mm        |
| 71 860        | 14mm        |
| 71 861        | 15mm        |
| 71 862        | 16mm        |
| 71 863        | 18mm        |
| 71 864        | 20mm        |
| 71 865        | 22mm        |
| 71 866        | 25mm        |
| 71 867        | 28mm        |
| 71 868        | 30mm        |
| 71 869        | 35mm        |
| 71 870        | 38mm        |
| 71 871        | 42mm        |

**BSP MALE STUD CONNECTOR  
METRIC TUBE x MALE BSPP  
GE-TYPE**



**STEEL**

| <u>PART #</u> | <u>SIZE</u>   |
|---------------|---------------|
| 71 411        | 4mm x 1/8"    |
| 71 412        | 6mm x 1/8"    |
| 71 413        | 6mm x 1/4"    |
| 71 784        | 6mm x 3/8"    |
| 71 414        | 8mm x 1/8"    |
| 71 415        | 8mm x 1/4"    |
| 71 416        | 8mm x 3/8"    |
| 71 785        | 8mm x 1/2"    |
| 71 417        | 10mm x 1/4"   |
| 71 418        | 10mm x 3/8"   |
| 71 786        | 10mm x 1/2"   |
| 71 419        | 12mm x 1/4"   |
| 71 420        | 12mm x 3/8"   |
| 71 421        | 12mm x 1/2"   |
| 71 422        | 14mm x 1/2"   |
| 71 787        | 15mm x 3/8"   |
| 71 423        | 15mm x 1/2"   |
| 71 424        | 16mm x 1/2"   |
| 71 425        | 18mm x 1/2"   |
| 71 426        | 20mm x 3/4"   |
| 71 427        | 22mm x 3/4"   |
| 71 552        | 25mm x 3/4"   |
| 71 428        | 25mm x 1"     |
| 71 429        | 28mm x 1"     |
| 71 430        | 30mm x 1-1/4" |
| 71 431        | 35mm x 1-1/4" |
| 71 432        | 38mm x 1-1/2" |
| 71 433        | 42mm x 1-1/2" |



**BRASS**

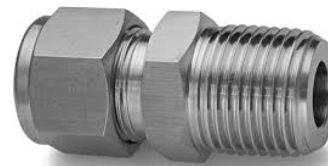
| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 434        | 4mm x 1/8"  |
| 71 435        | 6mm x 1/8"  |
| 71 436        | 6mm x 1/4"  |
| 71 437        | 6mm x 3/8"  |
| 71 438        | 8mm x 1/8"  |
| 71 439        | 8mm x 1/4"  |
| 71 440        | 8mm x 3/8"  |
| 71 441        | 8mm x 1/2"  |
| 71 442        | 10mm x 1/4" |
| 71 443        | 10mm x 3/8" |
| 71 444        | 10mm x 1/2" |
| 71 445        | 12mm x 1/4" |
| 71 446        | 12mm x 3/8" |
| 71 447        | 12mm x 1/2" |
| 71 788        | 14mm x 1/2" |
| 71 448        | 15mm x 3/8" |
| 71 449        | 15mm x 1/2" |
| 71 450        | 16mm x 1/2" |
| 71 451        | 18mm x 1/2" |
| 71 452        | 20mm x 3/4" |
| 71 453        | 22mm x 3/4" |
| 71 454        | 25mm x 1"   |
| 71 455        | 28mm x 1"   |



**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u>   |
|---------------|---------------|
| 71 456        | 4mm x 1/8"    |
| 71 457        | 6mm x 1/8"    |
| 71 458        | 6mm x 1/4"    |
| 71 789        | 6mm x 3/8"    |
| 71 459        | 8mm x 1/8"    |
| 72 168        | 8mm x 1/4"    |
| 72 169        | 8mm x 3/8"    |
| 72 170        | 8mm x 1/2"    |
| 72 171        | 10mm x 1/4"   |
| 72 172        | 10mm x 3/8"   |
| 71 460        | 10mm x 1/2"   |
| 71 461        | 12mm x 1/4"   |
| 71 462        | 12mm x 3/8"   |
| 71 463        | 12mm x 1/2"   |
| 71 464        | 14mm x 1/2"   |
| 71 465        | 15mm x 3/8"   |
| 71 466        | 15mm x 1/2"   |
| 71 467        | 16mm x 1/2"   |
| 71 468        | 18mm x 1/2"   |
| 71 469        | 20mm x 3/4"   |
| 71 470        | 22mm x 3/4"   |
| 71 471        | 25mm x 1"     |
| 71 472        | 28mm x 1"     |
| 71 473        | 30mm x 1-1/4" |
| 71 474        | 35mm x 1-1/4" |
| 71 475        | 38mm x 1-1/2" |
| 71 476        | 42mm x 1-1/2" |

**NPT MALE STUD CONNECTOR  
METRIC TUBE x MALE NPT  
GE-TYPE**



**STEEL**

| <u>PART #</u> | <u>SIZE</u>   |
|---------------|---------------|
| 71 477        | 4mm x 1/8"    |
| 71 478        | 6mm x 1/8"    |
| 71 479        | 6mm x 1/4"    |
| 71 554        | 6mm x 3/8"    |
| 71 555        | 6mm x 1/2"    |
| 71 480        | 8mm x 1/8"    |
| 71 481        | 8mm x 1/4"    |
| 71 551        | 8mm x 3/8"    |
| 71 556        | 8mm x 1/2"    |
| 71 482        | 10mm x 1/4"   |
| 71 483        | 10mm x 3/8"   |
| 71 557        | 10mm x 1/2"   |
| 71 484        | 12mm x 1/4"   |
| 71 485        | 12mm x 3/8"   |
| 71 486        | 12mm x 1/2"   |
| 71 487        | 14mm x 1/2"   |
| 71 558        | 15mm x 3/8"   |
| 71 489        | 15mm x 1/2"   |
| 71 490        | 16mm x 1/2"   |
| 71 491        | 18mm x 1/2"   |
| 71 492        | 20mm x 3/4"   |
| 71 493        | 22mm x 3/4"   |
| 71 494        | 25mm x 1"     |
| 71 495        | 28mm x 1"     |
| 71 496        | 30mm x 1-1/4" |
| 71 553        | 35mm x 1-1/4" |
| 71 497        | 38mm x 1-1/2" |
| 71 498        | 42mm x 1-1/2" |

**BRASS**

| <u>PART #</u> | <u>SIZE</u>   |
|---------------|---------------|
| 71 499        | 4mm x 1/8"    |
| 71 500        | 6mm x 1/8"    |
| 71 501        | 6mm x 1/4"    |
| 71 502        | 6mm x 3/8"    |
| 71 522        | 6mm x 1/2"    |
| 71 503        | 8mm x 1/8"    |
| 71 504        | 8mm x 1/4"    |
| 71 505        | 8mm x 3/8"    |
| 71 506        | 8mm x 1/2"    |
| 71 523        | 10mm x 1/8"   |
| 71 507        | 10mm x 1/4"   |
| 71 508        | 10mm x 3/8"   |
| 71 509        | 10mm x 1/2"   |
| 71 510        | 12mm x 1/4"   |
| 71 511        | 12mm x 3/8"   |
| 71 512        | 12mm x 1/2"   |
| 71 513        | 14mm x 1/2"   |
| 71 514        | 15mm x 3/8"   |
| 71 515        | 15mm x 1/2"   |
| 71 516        | 16mm x 1/2"   |
| 71 517        | 18mm x 1/2"   |
| 71 518        | 20mm x 3/4"   |
| 71 519        | 22mm x 3/4"   |
| 71 524        | 25mm x 3/4"   |
| 71 520        | 25mm x 1"     |
| 71 521        | 28mm x 1"     |
| 71 569        | 30mm x 1-1/4" |
| 71 567        | 35mm x 1-1/4" |
| 71 571        | 38mm x 1-1/2" |
| 71 568        | 42mm x 1-1/2" |

**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u>   |
|---------------|---------------|
| 71 790        | 4mm x 1/8"    |
| 71 525        | 6mm x 1/8"    |
| 71 526        | 6mm x 1/4"    |
| 71 527        | 6mm x 3/8"    |
| 71 565        | 6mm x 1/2"    |
| 71 528        | 8mm x 1/8"    |
| 71 529        | 8mm x 1/4"    |
| 71 791        | 8mm x 3/8"    |
| 71 530        | 8mm x 1/2"    |
| 71 531        | 10mm x 1/4"   |
| 71 532        | 10mm x 3/8"   |
| 71 533        | 10mm x 1/2"   |
| 71 534        | 12mm x 1/4"   |
| 71 535        | 12mm x 3/8"   |
| 71 536        | 12mm x 1/2"   |
| 71 537        | 14mm x 1/2"   |
| 71 538        | 15mm x 3/8"   |
| 71 539        | 15mm x 1/2"   |
| 71 540        | 16mm x 1/2"   |
| 71 541        | 18mm x 1/2"   |
| 71 549        | 20mm x 1/2"   |
| 71 542        | 20mm x 3/4"   |
| 71 543        | 22mm x 3/4"   |
| 71 544        | 25mm x 1"     |
| 71 545        | 28mm x 1"     |
| 71 546        | 30mm x 1-1/4" |
| 71 566        | 35mm x 1-1/4" |
| 71 547        | 38mm x 1-1/2" |
| 71 548        | 42mm x 1-1/2" |

**NPT MALE STUD ELBOW  
METRIC TUBE x MALE NPT  
WE-TYPE**

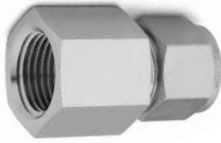


| <u>PART #</u> | <u>STEEL</u><br><u>SIZE</u> |
|---------------|-----------------------------|
| 71 669        | 4mm x 1/8"                  |
| 71 623        | 6mm x 1/8"                  |
| 71 624        | 6mm x 1/4"                  |
| 71 634        | 8mm x 1/8"                  |
| 71 626        | 8mm x 1/4"                  |
| 71 627        | 8mm x 3/8"                  |
| 71 628        | 10mm x 1/4"                 |
| 71 629        | 10mm x 3/8"                 |
| 71 630        | 12mm x 1/4"                 |
| 71 631        | 12mm x 3/8"                 |
| 71 632        | 12mm x 1/2"                 |
| 71 633        | 14mm x 1/2"                 |
| 71 622        | 15mm x 1/2"                 |
| 71 635        | 16mm x 1/2"                 |
| 71 636        | 18mm x 1/2"                 |
| 71 637        | 20mm x 3/4"                 |
| 71 638        | 22mm x 3/4"                 |
| 71 639        | 25mm x 1"                   |
| 71 640        | 28mm x 1"                   |
| 71 641        | 30mm x 1-1/4"               |
| 71 625        | 35mm x 1-1/4"               |
| 71 695        | 38mm x 1-1/2"               |
| 71 696        | 42mm x 1-1/2"               |

| <u>PART #</u> | <u>BRASS</u><br><u>SIZE</u> |
|---------------|-----------------------------|
| 71 644        | 4mm x 1/8"                  |
| 71 645        | 6mm x 1/8"                  |
| 71 646        | 6mm x 1/4"                  |
| 71 647        | 6mm x 3/8"                  |
| 71 648        | 8mm x 1/8"                  |
| 71 649        | 8mm x 1/4"                  |
| 71 650        | 8mm x 3/8"                  |
| 71 651        | 8mm x 1/2"                  |
| 71 666        | 10mm x 1/8"                 |
| 71 652        | 10mm x 1/4"                 |
| 71 653        | 10mm x 3/8"                 |
| 71 654        | 10mm x 1/2"                 |
| 71 655        | 12mm x 1/4"                 |
| 71 656        | 12mm x 3/8"                 |
| 71 657        | 12mm x 1/2"                 |
| 71 658        | 14mm x 1/2"                 |
| 71 667        | 15mm x 1/2"                 |
| 71 660        | 16mm x 1/2"                 |
| 71 661        | 18mm x 1/2"                 |
| 71 662        | 20mm x 3/4"                 |
| 71 663        | 22mm x 3/4"                 |
| 71 668        | 25mm x 3/4"                 |
| 71 664        | 25mm x 1"                   |
| 71 665        | 28mm x 1"                   |

| <u>PART #</u> | <u>STAINLESS STEEL</u><br><u>SIZE</u> |
|---------------|---------------------------------------|
| 71 669        | 4mm x 1/8"                            |
| 71 670        | 6mm x 1/8"                            |
| 71 671        | 6mm x 1/4"                            |
| 71 672        | 6mm x 3/8"                            |
| 71 673        | 8mm x 1/8"                            |
| 71 674        | 8mm x 1/4"                            |
| 71 675        | 8mm x 3/8"                            |
| 71 676        | 8mm x 1/2"                            |
| 71 677        | 10mm x 1/4"                           |
| 71 678        | 10mm x 3/8"                           |
| 71 679        | 10mm x 1/2"                           |
| 71 680        | 12mm x 1/4"                           |
| 71 681        | 12mm x 3/8"                           |
| 71 682        | 12mm x 1/2"                           |
| 71 683        | 14mm x 1/2"                           |
| 71 684        | 15mm x 3/8"                           |
| 71 694        | 15mm x 1/2"                           |
| 71 685        | 16mm x 1/2"                           |
| 71 686        | 18mm x 1/2"                           |
| 71 687        | 20mm x 3/4"                           |
| 71 688        | 22mm x 3/4"                           |
| 71 689        | 25mm x 1"                             |
| 71 690        | 28mm x 1"                             |
| 71 691        | 30mm x 1-1/4"                         |
| 71 620        | 35mm x 1-1/4"                         |
| 71 692        | 38mm x 1-1/2"                         |
| 71 693        | 42mm x 1-1/2"                         |

**BSP FEMALE CONNECTOR  
METRIC TUBE x FEMALE BSP  
GAI-TYPE**



**STEEL**

| <u>PART #</u> | <u>SIZE</u>   |
|---------------|---------------|
| 71 740        | 6mm x 1/8"    |
| 71 697        | 6mm x 1/4"    |
| 71 699        | 8mm x 1/4"    |
| 71 700        | 8mm x 3/8"    |
| 71 698        | 8mm x 1/2"    |
| 71 701        | 10mm x 1/4"   |
| 71 702        | 10mm x 3/8"   |
| 71 703        | 10mm x 1/2"   |
| 71 704        | 12mm x 3/8"   |
| 71 705        | 12mm x 1/2"   |
| 71 706        | 14mm x 1/2"   |
| 71 707        | 15mm x 1/2"   |
| 71 708        | 16mm x 1/2"   |
| 71 709        | 18mm x 1/2"   |
| 71 710        | 20mm x 3/4"   |
| 71 711        | 22mm x 3/4"   |
| 71 712        | 25mm x 1"     |
| 71 713        | 28mm x 1"     |
| 71 714        | 30mm x 1-1/4" |
| 71 715        | 35mm x 1-1/4" |
| 71 716        | 38mm x 1-1/2" |
| 71 717        | 42mm x 1-1/2" |

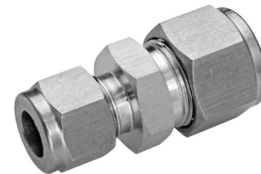
**BRASS**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 718        | 4mm x 1/8"  |
| 71 719        | 6mm x 1/8"  |
| 71 720        | 6mm x 1/4"  |
| 71 721        | 6mm x 3/8"  |
| 71 722        | 8mm x 1/8"  |
| 71 723        | 8mm x 1/4"  |
| 71 724        | 8mm x 3/8"  |
| 71 725        | 8mm x 1/2"  |
| 71 726        | 10mm x 1/4" |
| 71 727        | 10mm x 3/8" |
| 71 728        | 10mm x 1/2" |
| 71 729        | 12mm x 1/4" |
| 71 730        | 12mm x 3/8" |
| 71 731        | 12mm x 1/2" |
| 71 732        | 14mm x 1/2" |
| 71 733        | 15mm x 3/8" |
| 71 734        | 15mm x 1/2" |
| 71 735        | 16mm x 1/2" |
| 71 792        | 18mm x 1/2" |
| 71 737        | 20mm x 1/2" |
| 71 736        | 20mm x 3/4" |
| 71 738        | 22mm x 3/4" |

**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u>   |
|---------------|---------------|
| 72 738        | 6mm x 1/8"    |
| 71 739        | 6mm x 1/4"    |
| 71 742        | 8mm x 1/4"    |
| 71 743        | 8 mm x 3/8"   |
| 71 744        | 8mm x 1/2"    |
| 71 745        | 10mm x 1/4"   |
| 72 746        | 10mm x 3/8"   |
| 71 747        | 10mm x 1/2"   |
| 71 748        | 12mm x 1/4"   |
| 71 749        | 12mm x 3/8"   |
| 71 750        | 12mm x 1/2"   |
| 71 751        | 14mm x 1/2"   |
| 71 752        | 15mm x 3/8"   |
| 71 753        | 15mm x 1/2"   |
| 71 754        | 16mm x 1/2"   |
| 71 755        | 18mm x 1/2"   |
| 71 756        | 20mm x 3/4"   |
| 71 757        | 22mm x 3/4"   |
| 71 758        | 25mm x 1"     |
| 71 759        | 28mm x 1"     |
| 71 760        | 30mm x 1-1/4" |
| 71 761        | 35mm x 1-1/4" |
| 71 762        | 38mm x 1-1/2" |
| 71 763        | 42mm x 1-1/2" |

**METRIC UNION REDUCERS  
GR-TYPE**



**STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 901        | 8/6mm       |
| 71 902        | 10/6mm      |
| 71 903        | 10/8mm      |
| 71 904        | 12/6mm      |
| 71 905        | 12/8mm      |
| 71 906        | 12/10mm     |
| 71 907        | 14/10mm     |
| 71 908        | 14/12mm     |
| 71 909        | 15/10mm     |
| 71 910        | 15/12mm     |
| 71 911        | 16/12mm     |
| 71 912        | 16/14mm     |
| 71 913        | 18/10mm     |
| 71 914        | 18/12mm     |
| 71 915        | 18/15mm     |
| 71 916        | 20/10mm     |
| 71 917        | 20/12mm     |
| 71 918        | 20/16mm     |
| 71 919        | 22/12mm     |
| 71 920        | 22/15mm     |
| 71 921        | 22/18mm     |
| 71 922        | 25/16mm     |
| 71 923        | 25/20mm     |
| 71 924        | 28/15mm     |
| 71 925        | 28/18mm     |
| 71 926        | 28/22mm     |
| 71 927        | 30/20mm     |
| 71 928        | 30/25mm     |
| 71 929        | 35/22mm     |
| 71 930        | 35/28mm     |
| 71 931        | 38/30mm     |
| 71 932        | 42/28mm     |
| 71 933        | 42/35mm     |

**BRASS**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 951        | 8/6mm       |
| 71 952        | 10/6mm      |
| 71 953        | 10/8mm      |
| 71 954        | 12/6mm      |
| 71 955        | 12/8mm      |
| 71 956        | 12/10mm     |
| 71 957        | 14/10mm     |
| 71 958        | 14/12mm     |
| 71 959        | 15/10mm     |
| 71 960        | 15/12mm     |

**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 971        | 8/6mm       |
| 71 972        | 10/6mm      |
| 71 973        | 10/8mm      |
| 71 974        | 12/6mm      |
| 71 975        | 12/8mm      |
| 71 976        | 12/10mm     |
| 71 977        | 14/10mm     |
| 71 978        | 14/12mm     |
| 71 979        | 15/10mm     |
| 71 980        | 15/12mm     |
| 71 981        | 16/12mm     |
| 71 982        | 16/14mm     |
| 71 983        | 18/10mm     |
| 71 984        | 18/12mm     |
| 71 985        | 18/15mm     |
| 71 986        | 20/10mm     |
| 71 987        | 20/12mm     |
| 71 988        | 20/16mm     |
| 71 989        | 22/12mm     |
| 71 990        | 22/15mm     |
| 71 991        | 22/18mm     |
| 71 992        | 25/16mm     |
| 71 993        | 25/20mm     |
| 71 994        | 28/15mm     |
| 71 995        | 28/18mm     |
| 71 996        | 28/22mm     |
| 71 997        | 30/20mm     |
| 71 998        | 30/25mm     |
| 71 999        | 35/22mm     |
| 72 000        | 35/28mm     |
| 72 001        | 38/30mm     |
| 72 002        | 42/28mm     |
| 72 003        | 42/35mm     |

**METRIC TUBE NUT  
M-TYPE**

**STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 72 036        | 4mm         |
| 72 037        | 6mm         |
| 72 040        | 8mm         |
| 72 043        | 10mm        |
| 72 046        | 12mm        |
| 72 039        | 14mm        |
| 72 049        | 15mm        |
| 72 050        | 16mm        |
| 72 051        | 18mm        |
| 72 052        | 20mm        |
| 72 053        | 22mm        |
| 72 054        | 25mm        |
| 72 062        | 28mm        |
| 72 063        | 30mm        |
| 72 065        | 35mm        |
| 72 058        | 38mm        |
| 72 059        | 42mm        |


**BRASS**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 72 060        | 4mm         |
| 72 061        | 6mm         |
| 72 064        | 8mm         |
| 72 067        | 10mm        |
| 72 069        | 12mm        |
| 72 071        | 14mm        |
| 72 072        | 15mm        |
| 72 073        | 16mm        |
| 72 074        | 18mm        |
| 72 075        | 20mm        |
| 72 076        | 22mm        |
| 72 077        | 25mm        |
| 72 078        | 28mm        |
| 72 079        | 30mm        |
| 72 080        | 35mm        |
| 72 081        | 38mm        |
| 72 082        | 42mm        |


**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 72 083        | 4mm         |
| 72 084        | 6mm         |
| 72 087        | 8mm         |
| 72 089        | 10mm        |
| 72 091        | 12mm        |
| 72 093        | 14mm        |
| 72 094        | 15mm        |
| 72 095        | 16mm        |
| 72 096        | 18mm        |
| 72 097        | 20mm        |
| 72 098        | 22mm        |
| 72 099        | 25mm        |
| 72 100        | 28mm        |
| 72 101        | 30mm        |
| 72 102        | 35mm        |
| 72 103        | 38mm        |
| 72 104        | 42mm        |

**METRIC CUTTING RING  
DPR-TYPE**

**STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 72 105        | 4mm         |
| 72 107        | 6mm         |
| 72 109        | 8mm         |
| 72 111        | 10mm        |
| 72 113        | 12mm        |
| 72 115        | 14mm        |
| 72 116        | 15mm        |
| 72 117        | 16mm        |
| 72 118        | 18mm        |
| 72 119        | 20mm        |
| 72 120        | 22mm        |
| 72 121        | 25mm        |
| 72 122        | 28mm        |
| 72 123        | 30mm        |
| 72 124        | 35mm        |
| 72 125        | 38mm        |
| 72 126        | 42mm        |


**BRASS**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 72 127        | 4mm         |
| 72 128        | 6mm         |
| 72 129        | 8mm         |
| 72 130        | 10mm        |
| 72 132        | 12mm        |
| 72 134        | 14mm        |
| 72 135        | 15mm        |
| 72 136        | 16mm        |
| 72 137        | 18mm        |
| 72 138        | 20mm        |
| 72 139        | 22mm        |
| 72 140        | 25mm        |
| 72 141        | 28mm        |
| 72 142        | 30mm        |
| 72 143        | 35mm        |
| 72 144        | 38mm        |
| 72 145        | 42mm        |


**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 72 146        | 4mm         |
| 72 147        | 6mm         |
| 72 150        | 8mm         |
| 72 152        | 10mm        |
| 72 154        | 12mm        |
| 72 156        | 14mm        |
| 72 157        | 15mm        |
| 72 158        | 16mm        |
| 72 159        | 18mm        |
| 72 160        | 20mm        |
| 72 161        | 22mm        |
| 72 162        | 25mm        |
| 72 163        | 28mm        |
| 72 164        | 30mm        |
| 72 165        | 35mm        |
| 72 166        | 38mm        |
| 72 167        | 42mm        |

**METRIC CHROME PLATED BRASS TUBE FITTINGS**



**UNION**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| <b>72 400</b> | 6mm         |
| <b>72 401</b> | 8mm         |
| <b>72 402</b> | 10mm        |
| <b>72 403</b> | 12mm        |
| <b>72 404</b> | 15mm        |
| <b>72 405</b> | 22mm        |



**ELBOW**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| <b>72 410</b> | 6mm         |
| <b>72 411</b> | 8mm         |
| <b>72 412</b> | 10mm        |
| <b>72 413</b> | 12mm        |
| <b>72 414</b> | 15mm        |
| <b>72 415</b> | 22mm        |



**TEE**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| <b>72 420</b> | 6mm         |
| <b>72 421</b> | 8mm         |
| <b>72 422</b> | 10mm        |
| <b>72 423</b> | 12mm        |
| <b>72 424</b> | 15mm        |
| <b>72 425</b> | 22mm        |



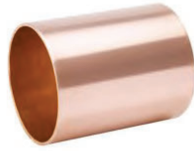
**MALE CONNECTOR**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| <b>72 430</b> | 6mm x 1/8"  |
| <b>72 431</b> | 6mm x 1/4"  |
| <b>72 432</b> | 6mm x 3/8"  |
| <b>72 433</b> | 6mm x 1/2"  |
| <b>72 434</b> | 8mm x 1/8"  |
| <b>72 435</b> | 8mm x 1/4"  |
| <b>72 436</b> | 8mm x 3/8"  |
| <b>72 437</b> | 8mm x 1/2"  |
| <b>72 438</b> | 10mm x 1/8" |
| <b>72 439</b> | 10mm x 1/4" |
| <b>72 440</b> | 10mm x 3/8" |
| <b>72 441</b> | 10mm x 1/2" |
| <b>72 442</b> | 12mm x 1/4" |
| <b>72 443</b> | 12mm x 3/8" |
| <b>72 444</b> | 12mm x 1/2" |
| <b>72 445</b> | 15mm x 1/2" |
| <b>72 446</b> | 22mm x 1/2" |



**MALE ELBOW**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| <b>72 460</b> | 6mm x 1/8"  |
| <b>72 461</b> | 6mm x 1/4"  |
| <b>72 462</b> | 6mm x 3/8"  |
| <b>72 463</b> | 8mm x 1/8"  |
| <b>72 464</b> | 8mm x 1/4"  |
| <b>72 465</b> | 8mm x 3/8"  |
| <b>72 466</b> | 10mm x 1/8" |
| <b>72 467</b> | 10mm x 1/4" |
| <b>72 468</b> | 10mm x 3/8" |
| <b>72 469</b> | 10mm x 1/2" |
| <b>72 470</b> | 12mm x 1/4" |
| <b>72 471</b> | 12mm x 3/8" |
| <b>72 472</b> | 12mm x 1/2" |
| <b>72 473</b> | 15mm x 1/2" |
| <b>72 474</b> | 22mm x 1/2" |

**COPPER SOLDER FITTINGS****SOCKETS - FIG. 5270**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 72 055        | 6mm         |
| 72 056        | 8mm         |
| 72 057        | 10mm        |
| 71 058        | 12mm        |
| 71 059        | 14mm        |
| 71 060        | 15mm        |
| 71 061        | 16mm        |
| 71 062        | 18mm        |
| 71 063        | 22mm        |
| 71 064        | 28mm        |
| 71 065        | 35mm        |
| 71 066        | 42mm        |
| 71 056        | 54mm        |

**ELBOW 90 DEG. - FIG. 5090**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 067        | 6mm         |
| 71 068        | 8mm         |
| 71 069        | 10mm        |
| 71 070        | 12mm        |
| 71 071        | 14mm        |
| 71 072        | 15mm        |
| 71 073        | 16mm        |
| 71 074        | 18mm        |
| 71 075        | 22mm        |
| 71 076        | 28mm        |
| 71 077        | 35mm        |
| 71 078        | 42mm        |
| 71 057        | 54mm        |

**ELBOW 45 DEG. - FIG. 5041**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 300        | 6mm         |
| 71 301        | 8mm         |
| 71 302        | 10mm        |
| 71 303        | 12mm        |
| 71 304        | 14mm        |
| 71 305        | 15mm        |
| 71 306        | 16mm        |
| 71 307        | 18mm        |
| 71 308        | 22mm        |
| 71 309        | 28mm        |
| 71 310        | 35mm        |
| 71 311        | 42mm        |
| 71 054        | 54mm        |

**TEE - FIG. 5130**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 167        | 6mm         |
| 70 168        | 8mm         |
| 70 169        | 10mm        |
| 70 170        | 12mm        |
| 70 171        | 14mm        |
| 70 172        | 15mm        |
| 70 173        | 16mm        |
| 70 174        | 18mm        |
| 70 175        | 22mm        |
| 70 176        | 28mm        |
| 70 177        | 35mm        |
| 70 178        | 42mm        |
| 71 053        | 54mm        |

**COPPER SOLDER FITTINGS****SOCKET REDUCER - FIG. 5240**

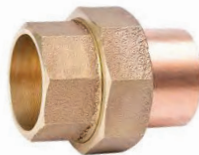
Copper solder reducer.

| <u>PART #</u> | <u>SIZE</u> | <u>PART #</u> | <u>SIZE</u> | <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|---------------|-------------|---------------|-------------|
| 71 079        | 8x6mm       | 71 090        | 16x14mm     | 71 101        | 22x18mm     |
| 71 080        | 10x6mm      | 71 091        | 16x15mm     | 71 102        | 28x12mm     |
| 71 081        | 10x8mm      | 71 092        | 18x10mm     | 71 103        | 28x15mm     |
| 70 100        | 12x6mm      | 71 093        | 18x12mm     | 71 104        | 28x18mm     |
| 71 082        | 12x8mm      | 71 094        | 18x14mm     | 71 105        | 28x22mm     |
| 71 083        | 12x10mm     | 71 095        | 18x15mm     | 71 106        | 35x22mm     |
| 71 084        | 14x10mm     | 71 096        | 18x16mm     | 71 107        | 35x28mm     |
| 71 085        | 14x12mm     | 71 097        | 22x12mm     | 71 108        | 42x22mm     |
| 71 086        | 15x10mm     | 71 098        | 22x14mm     | 71 109        | 42x28mm     |
| 71 087        | 15x12mm     | 71 099        | 22x15mm     | 71 110        | 42x35mm     |
| 71 088        | 16x10mm     | 71 100        | 22x16mm     |               |             |
| 71 089        | 16x12mm     |               |             |               |             |

**CAPS - FIG. 5301**

Copper solder cap.

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 071        | 10mm        |
| 70 072        | 12mm        |
| 70 073        | 14mm        |
| 70 074        | 15mm        |
| 70 075        | 16mm        |
| 70 076        | 18mm        |
| 70 077        | 22mm        |
| 70 078        | 28mm        |
| 70 079        | 35mm        |
| 70 080        | 42mm        |
| 70 068        | 54mm        |

**UNION - BRONZE**

Bronze solder union.

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 046        | 10mm        |
| 70 047        | 12mm        |
| 70 048        | 15mm        |
| 70 049        | 16mm        |
| 70 050        | 18mm        |
| 70 051        | 22mm        |
| 70 052        | 28mm        |
| 70 053        | 35mm        |
| 70 054        | 42mm        |

**MALE CONNECTOR**

Bronze solder connector with male thread one end.

| <u>PART #</u> | <u>SIZE</u>  |
|---------------|--------------|
| 70 061        | 10mmx1/4"    |
| 70 062        | 10mmx3/8"    |
| 70 063        | 12mmx1/4"    |
| 70 064        | 12mmx3/8"    |
| 70 065        | 15mmx1/2"    |
| 70 066        | 16mmx1/2"    |
| 70 067        | 18mmx1/2"    |
| 70 069        | 22mmx3/4"    |
| 70 070        | 28mmx1"      |
| 70 089        | 35mmx1 1/4"  |
| 70 091        | 42mmx 1 1/2" |
| 70 092        | 54mmx 2"     |

**HEXAGON NIPPLE - B.S.P.T.**

FIG. 280



**GALVANIZED**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 373        | 1/8"        |
| 70 374        | 1/4"        |
| 70 375        | 3/8"        |
| 70 376        | 1/2"        |
| 70 377        | 3/4"        |
| 70 378        | 1"          |
| 70 379        | 1-1/4"      |
| 70 380        | 1 1/2"      |
| 70 381        | 2"          |

**BRASS**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 382        | 1/8"        |
| 70 383        | 1/4"        |
| 70 384        | 3/8"        |
| 70 385        | 1/2"        |
| 70 386        | 3/4"        |
| 70 387        | 1"          |
| 70 388        | 1-1/4"      |
| 70 389        | 1-1/2"      |
| 70 390        | 2"          |

**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 934        | 1/8"        |
| 70 935        | 1/4"        |
| 70 936        | 3/8"        |
| 70 937        | 1/2"        |
| 70 938        | 3/4"        |
| 70 939        | 1"          |
| 70 946        | 1-1/4"      |
| 70 947        | 1-1/2"      |
| 70 961        | 2"          |

**REDUCING HEXAGON NIPPLE - B.S.P.T.**

FIG. 245



**GALVANIZED**

| <u>PART #</u> | <u>SIZE</u>     |
|---------------|-----------------|
| 70 340        | 1/4" x 1/8"     |
| 70 341        | 3/8" x 1/4"     |
| 70 342        | 1/2" x 3/8"     |
| 70 391        | 3/4" x 3/8"     |
| 70 343        | 3/4" x 1/2"     |
| 70 344        | 1" x 3/4"       |
| 70 345        | 1-1/4" x 1"     |
| 70 346        | 1-1/2" x 1-1/4" |
| 70 347        | 1-1/2" x 1"     |
| 70 348        | 2" x 1-1/2"     |

**BRASS**

| <u>PART #</u> | <u>SIZE</u>     |
|---------------|-----------------|
| 70 349        | 1/4" x 1/8"     |
| 70 350        | 3/8" x 1/4"     |
| 70 413        | 1/2" x 1/4"     |
| 70 351        | 1/2" x 3/8"     |
| 70 352        | 3/4" x 1/2"     |
| 70 353        | 1" x 3/4"       |
| 70 354        | 1-1/4" x 1"     |
| 70 355        | 1-1/2" x 1-1/4" |
| 70 392        | 2" x 1-1/2"     |

**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u>     |
|---------------|-----------------|
| 70 949        | 1/4" x 1/8"     |
| 70 950        | 3/8" x 1/4"     |
| 70 951        | 1/2" x 3/8"     |
| 70 952        | 3/4" x 1/2"     |
| 70 953        | 1" x 3/4"       |
| 70 956        | 1-1/4" x 1"     |
| 70 954        | 1-1/2" x 1-1/4" |
| 70 955        | 2" x 1-1/2"     |

**BUSHINGS - B.S.P.T.**

FIG. 241



**GALVANIZED**

| <u>PART #</u> | <u>SIZE</u>     |
|---------------|-----------------|
| 70 251        | 1/4" x 1/8"     |
| 70 252        | 3/8" x 1/4"     |
| 70 253        | 1/2" x 3/8"     |
| 70 254        | 1/2" x 1/4"     |
| 70 255        | 1/2" x 1/8"     |
| 70 256        | 3/4" x 1/2"     |
| 70 257        | 3/4" x 3/8"     |
| 70 258        | 1" x 3/4"       |
| 70 260        | 1-1/4" x 1"     |
| 70 261        | 1-1/2" x 1-1/4" |
| 70 262        | 1-1/2" x 1"     |
| 70 263        | 2" x 1-1/2"     |



**BRASS**

| <u>PART #</u> | <u>SIZE</u>     |
|---------------|-----------------|
| 70 264        | 1/4" x 1/8"     |
| 71 799        | 3/8" x 1/8"     |
| 70 265        | 3/8" x 1/4"     |
| 70 271        | 1/2" x 1/4"     |
| 70 266        | 1/2" x 3/8"     |
| 70 267        | 3/4" x 1/2"     |
| 70 268        | 1" x 3/4"       |
| 70 269        | 1-1/4" x 1"     |
| 70 270        | 1-1/2" x 1-1/4" |
| 70 339        | 2" X 1-1/2"     |



**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u>     |
|---------------|-----------------|
| 70 083        | 1/4" x 1/8"     |
| 70 084        | 3/8" x 1/4"     |
| 70 116        | 1/2" x 1/4"     |
| 70 085        | 1/2" x 3/8"     |
| 70 086        | 3/4" x 1/2"     |
| 70 087        | 1" x 3/4"       |
| 70 088        | 1-1/4" X 1"     |
| 70 393        | 1-1/2" x 1"     |
| 70 409        | 1-1/2" x 1-1/4" |
| 70 394        | 2" x 1-1/2"     |

**UNION - B.S.P.T.**



**GALVANIZED**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 311        | 1/8"        |
| 70 312        | 1/4"        |
| 70 313        | 3/8"        |
| 70 314        | 1/2"        |
| 70 315        | 3/4"        |
| 70 316        | 1"          |
| 70 317        | 1-1/4"      |
| 70 318        | 1-1/2"      |
| 70 319        | 2"          |



**BRASS**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 321        | 1/4"        |
| 70 322        | 3/8"        |
| 70 323        | 1/2"        |
| 70 324        | 3/4"        |
| 70 325        | 1"          |
| 70 326        | 1-1/4"      |
| 70 327        | 1-1/2"      |
| 70 328        | 2"          |



**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 126        | 1/4"        |
| 70 127        | 3/8"        |
| 70 128        | 1/2"        |
| 70 129        | 3/4"        |
| 70 136        | 1"          |
| 70 137        | 1-1/4"      |
| 70 138        | 1-1/2"      |
| 70 139        | 2"          |

**TEE - B.S.P.T.**

FIG. 130



**GALVANIZED**

| <b><u>PART #</u></b> | <b><u>SIZE</u></b> |
|----------------------|--------------------|
| 70 218               | 1/8"               |
| 70 219               | 1/4"               |
| 70 220               | 3/8"               |
| 70 221               | 1/2"               |
| 70 222               | 3/4"               |
| 70 223               | 1"                 |
| 70 224               | 1-1/4"             |
| 70 225               | 1-1/2"             |
| 70 226               | 2"                 |

**BRASS**

| <b><u>PART #</u></b> | <b><u>SIZE</u></b> |
|----------------------|--------------------|
| 70 227               | 1/8"               |
| 70 228               | 1/4"               |
| 70 229               | 3/8"               |
| 70 230               | 1/2"               |
| 70 231               | 3/4"               |
| 70 232               | 1"                 |
| 70 233               | 1-1/4"             |
| 70 234               | 1-1/2"             |
| 70 235               | 2"                 |

**STAINLESS STEEL**

| <b><u>PART#</u></b> | <b><u>SIZE</u></b> |
|---------------------|--------------------|
| 70 395              | 1/4"               |
| 70 396              | 3/8"               |
| 70 397              | 1/2"               |
| 70 398              | 3/4"               |
| 70 399              | 1"                 |
| 70 410              | 1-1/4"             |
| 70 411              | 1-1/2"             |
| 70 412              | 2"                 |

**ELBOW - B.S.P.T.**

FIG. 90



**GALVANIZED**

| <b><u>PART #</u></b> | <b><u>SIZE</u></b> |
|----------------------|--------------------|
| 70 200               | 1/8"               |
| 70 201               | 1/4"               |
| 70 202               | 3/8"               |
| 70 203               | 1/2"               |
| 70 204               | 3/4"               |
| 70 205               | 1"                 |
| 70 206               | 1-1/4"             |
| 70 207               | 1-1/2"             |
| 70 208               | 2"                 |

**BRASS**

| <b><u>PART #</u></b> | <b><u>SIZE</u></b> |
|----------------------|--------------------|
| 70 209               | 1/8"               |
| 70 210               | 1/4"               |
| 70 211               | 3/8"               |
| 70 212               | 1/2"               |
| 70 213               | 3/4"               |
| 70 214               | 1"                 |
| 70 215               | 1-1/4"             |
| 70 216               | 1-1/2"             |
| 70 217               | 2"                 |

**STAINLESS STEEL**

| <b><u>PART #</u></b> | <b><u>SIZE</u></b> |
|----------------------|--------------------|
| 70 331               | 1/4"               |
| 70 332               | 3/8"               |
| 70 333               | 1/2"               |
| 70 334               | 3/4"               |
| 70 335               | 1"                 |
| 70 336               | 1-1/4"             |
| 70 337               | 1-1/2"             |
| 70 338               | 2"                 |

**SOCKETS - B.S.P.T.**

FIG. 270



**GALVANIZED**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 356        | 1/8"        |
| 70 357        | 1/4"        |
| 70 358        | 3/8"        |
| 70 359        | 1/2"        |
| 70 360        | 3/4"        |
| 70 361        | 1"          |
| 70 362        | 1-1/4"      |
| 70 363        | 1-1/2"      |
| 70 364        | 2"          |



**BRASS**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 365        | 1/8"        |
| 70 366        | 1/4"        |
| 70 367        | 3/8"        |
| 70 368        | 1/2"        |
| 70 369        | 3/4"        |
| 70 370        | 1"          |
| 70 330        | 1-1/4"      |
| 70 371        | 1-1/2"      |
| 70 372        | 2"          |



**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 466        | 1/4"        |
| 70 467        | 3/8"        |
| 70 468        | 1/2"        |
| 70 469        | 3/4"        |
| 70 470        | 1"          |
| 70 471        | 1-1/4"      |
| 70 472        | 1-1/2"      |
| 70 473        | 2"          |

**REDUCING SOCKETS - B.S.P.T.**

FIG. 240



**GALVANIZED**

| <u>PART #</u> | <u>SIZE</u>     |
|---------------|-----------------|
| 70 236        | 1/4" x 1/8"     |
| 70 237        | 3/8" x 1/4"     |
| 70 238        | 1/2" x 3/8"     |
| 70 239        | 3/4" x 1/2"     |
| 70 240        | 1" x 3/4"       |
| 70 241        | 1-1/4" x 1"     |
| 70 242        | 1-1/2" x 1-1/4" |
| 70 243        | 2" x 1-1/2"     |
| 70 244        | 2-1/2" x 2"     |



**BRASS**

| <u>PART #</u> | <u>SIZE</u>     |
|---------------|-----------------|
| 70 245        | 3/8" x 1/4"     |
| 70 246        | 1/2" x 3/8"     |
| 70 247        | 3/4" x 1/2"     |
| 70 248        | 1" x 3/4"       |
| 70 249        | 1-1/4" x 1"     |
| 70 250        | 1-1/2" x 1-1/4" |
| 70 404        | 2" x 1 1/2"     |



**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u>     |
|---------------|-----------------|
| 70 474        | 1/4" x 1/8"     |
| 70 475        | 3/8" x 1/4"     |
| 70 476        | 1/2" x 3/8"     |
| 70 477        | 3/4" x 1/2"     |
| 70 478        | 1" x 3/4"       |
| 70 407        | 1-1/4" X 1"     |
| 70 405        | 1-1/2' x 1"     |
| 70 408        | 1-1/2" X 1-1/4" |
| 70 406        | 2" x 1 1/2"     |

## **PLUG, SQUARE HEAD - B.S.P.T.**

FIG. 290



**GALVANIZED**



**BRASS**



**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u> | <u>PART #</u> | <u>SIZE</u> | <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|---------------|-------------|---------------|-------------|
| 70 275        | 1/8"        | 70 285        | 1/4"        | 70 485        | 1/4"        |
| 70 276        | 1/4"        | 70 286        | 3/8"        | 70 486        | 3/8"        |
| 70 277        | 3/8"        | 70 287        | 1/2"        | 70 487        | 1/2"        |
| 70 278        | 1/2"        | 70 288        | 3/4"        | 70 488        | 3/4"        |
| 70 279        | 3/4"        | 70 289        | 1"          | 70 489        | 1"          |
| 70 280        | 1"          | 70 290        | 1-1/4"      | 70 490        | 1-1/4"      |
| 70 281        | 1-1/4"      | 70 291        | 1-1/2"      | 70 491        | 1-1/2"      |
| 70 282        | 1-1/2"      | 70 292        | 2"          | 70 492        | 2"          |
| 70 283        | 2"          |               |             |               |             |

## **CAPS - B.S.P.T.**

FIG. 300



**GALVANIZED**



**BRASS**



**STAINLESS STEEL**

| <u>PART #</u> | <u>SIZE</u> | <u>PART #</u> | <u>SIZE</u> | <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|---------------|-------------|---------------|-------------|
| 70 293        | 1/8"        | 70 303        | 1/4"        | 70 423        | 1/4"        |
| 70 294        | 1/4"        | 70 304        | 3/8"        | 70 424        | 3/8"        |
| 70 295        | 3/8"        | 70 305        | 1/2"        | 70 425        | 1/2"        |
| 70 296        | 1/2"        | 70 306        | 3/4"        | 70 426        | 3/4"        |
| 70 297        | 3/4"        | 70 307        | 1"          | 70 427        | 1"          |
| 70 298        | 1"          | 70 308        | 1-1/4"      | 70 428        | 1-1/4"      |
| 70 299        | 1-1/4"      | 70 309        | 1-1/2"      | 70 429        | 1-1/2"      |
| 70 300        | 1-1/2"      | 70 310        | 2"          | 70 430        | 2"          |
| 70 301        | 2"          |               |             |               |             |

## QUICK-CONNECT COUPLERS - STAINLESS STEEL

### SOCKET WITH HOSE END - SH

Stainless Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>HOSE</u> | <u>ISSA #</u> |
|---------------|------------|-------------|---------------|
| 70 110        | 20-SH      | 1/4"        | 35 12 21      |
| 70 111        | 30-SH      | 3/8"        | 35 12 22      |
| 70 112        | 40-SH      | 1/2"        | 35 12 23      |
| 70 113        | 400-SH     | 1/2"        | 35 12 24      |
| 70 114        | 600-SH     | 3/4"        | 35 12 25      |
| 70 115        | 800-SH     | 1"          | 35 12 26      |

### PLUG WITH HOSE END - PH

Stainless Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>HOSE</u> | <u>ISSA #</u> |
|---------------|------------|-------------|---------------|
| 70 120        | 20-PH      | 1/4"        | 35 12 51      |
| 70 121        | 30-PH      | 3/8"        | 35 12 52      |
| 70 122        | 40-PH      | 1/2"        | 35 12 53      |
| 70 123        | 400-PH     | 1/2"        | 35 12 54      |
| 70 124        | 600-PH     | 3/4"        | 35 12 55      |
| 70 125        | 800-PH     | 1"          | 35 12 56      |

### SOCKET WITH MALE END - SM

Stainless Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>MALE</u> | <u>ISSA #</u> |
|---------------|------------|-------------|---------------|
| 70 130        | 20-SM      | 1/4"        | 35 13 22      |
| 70 131        | 30-SM      | 3/8"        | 35 13 23      |
| 70 132        | 40-SM      | 1/2"        | 35 13 24      |
| 70 133        | 400-SM     | 1/2"        | 35 13 25      |
| 70 134        | 600-SM     | 3/4"        | 35 13 26      |
| 70 135        | 800-SM     | 1"          | 35 13 27      |

### PLUG WITH MALE END - PM

Stainless Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>MALE</u> | <u>ISSA #</u> |
|---------------|------------|-------------|---------------|
| 70 140        | 20-PM      | 1/4"        | 35 13 52      |
| 70 141        | 30-PM      | 3/8"        | 35 13 53      |
| 70 142        | 40-PM      | 1/2"        | 35 13 54      |
| 70 143        | 400-PM     | 1/2"        | 35 13 55      |
| 70 144        | 600-PM     | 3/4"        | 35 13 56      |
| 70 145        | 800-PM     | 1"          | 35 13 57      |

**QUICK-CONNECT COUPLERS - STAINLESS STEEL****SOCKET WITH FEMALE END - SF**

Stainless Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>HOSE</u> | <u>ISSA #</u> |
|---------------|------------|-------------|---------------|
| <b>70 150</b> | 20-SF      | 1/4"        | 35 14 21      |
| <b>70 151</b> | 30-SF      | 3/8"        | 35 14 22      |
| <b>70 152</b> | 40-SF      | 1/2"        | 35 14 23      |
| <b>70 153</b> | 400-SF     | 1/2"        | 35 14 24      |
| <b>70 154</b> | 600-SF     | 3/4"        | 35 14 25      |
| <b>70 155</b> | 800-SF     | 1"          | 35 14 26      |

**PLUG WITH FEMALE END - PF**

Stainless Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>HOSE</u> | <u>ISSA #</u> |
|---------------|------------|-------------|---------------|
| <b>70 160</b> | 20-PF      | 1/4"        | 35 14 51      |
| <b>70 161</b> | 30-PF      | 3/8"        | 35 14 52      |
| <b>70 162</b> | 40-PF      | 1/2"        | 35 14 53      |
| <b>70 163</b> | 400-PF     | 1/2"        | 35 14 54      |
| <b>70 164</b> | 600-PF     | 3/4"        | 35 14 55      |
| <b>70 165</b> | 800-PF     | 1"          | 35 14 56      |

**CAST BRONZE AIR COUPLINGS****AIR HOSE COUPLINGS - BRONZE**

Cast bronze with metric fine thread M42x2.  
 Female thread connection for use with ship's  
 male thread air outlet.



| <u>PART #</u> | <u>HOSE END</u> | <u>ISSA #</u> |
|---------------|-----------------|---------------|
| <b>70 102</b> | 9mm             | 35 10 53      |
| <b>70 103</b> | 12mm            | 35 10 54      |
| <b>70 105</b> | 15mm            | 35 10 55      |
| <b>70 104</b> | 19mm            | 35 10 56      |
| <b>70 106</b> | 25mm            | 35 10 57      |

**QUICK-CONNECT COUPLERS - STEEL****SOCKET WITH HOSE END - SH**

Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>HOSE</u> | <u>ISSA #</u> |
|---------------|------------|-------------|---------------|
| <b>75 110</b> | 20-SH      | 1/4"        | 35 12 01      |
| <b>75 111</b> | 30-SH      | 3/8"        | 35 12 02      |
| <b>75 112</b> | 40-SH      | 1/2"        | 35 12 03      |
| <b>75 113</b> | 400-SH     | 1/2"        | 35 12 04      |
| <b>75 114</b> | 600-SH     | 3/4"        | 35 12 05      |
| <b>75 115</b> | 800-SH     | 1"          | 35 12 06      |

**SOCKET WITH MALE END - SM**

Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>MALE</u> | <u>ISSA #</u> |
|---------------|------------|-------------|---------------|
| <b>75 130</b> | 20-SM      | 1/4"        | 35 13 02      |
| <b>75 131</b> | 30-SM      | 3/8"        | 35 13 03      |
| <b>75 132</b> | 40-SM      | 1/2"        | 35 13 04      |
| <b>75 133</b> | 400-SM     | 1/2"        | 35 13 05      |
| <b>75 134</b> | 600-SM     | 3/4"        | 35 13 06      |
| <b>75 135</b> | 800-SM     | 1"          | 35 13 07      |

**SOCKET WITH FEMALE END - SF**

Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>FEMALE</u> | <u>ISSA #</u> |
|---------------|------------|---------------|---------------|
| <b>75 150</b> | 20-SF      | 1/4"          | 35 14 01      |
| <b>75 151</b> | 30-SF      | 3/8"          | 35 14 02      |
| <b>75 152</b> | 40-SF      | 1/2"          | 35 14 03      |
| <b>75 153</b> | 400-SF     | 1/2"          | 35 14 04      |
| <b>75 154</b> | 600-SF     | 3/4"          | 35 14 05      |
| <b>75 155</b> | 800-SF     | 1"            | 35 14 06      |

**QUICK-CONNECT COUPLERS - STEEL****PLUG WITH HOSE END - PH**

Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>HOSE</u> | <u>ISSA #</u> |
|---------------|------------|-------------|---------------|
| <b>75 120</b> | 20-PH      | 1/4"        | 35 12 31      |
| <b>75 121</b> | 30-PH      | 3/8"        | 35 12 32      |
| <b>75 122</b> | 40-PH      | 1/2"        | 35 12 33      |
| <b>75 123</b> | 400-PH     | 1/2"        | 35 12 34      |
| <b>75 124</b> | 600-PH     | 3/4"        | 35 12 35      |
| <b>75 125</b> | 800-PH     | 1"          | 35 12 36      |

**PLUG WITH MALE END - PM**

Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>MALE</u> | <u>ISSA #</u> |
|---------------|------------|-------------|---------------|
| <b>75 140</b> | 20-PM      | 1/4"        | 35 13 32      |
| <b>75 141</b> | 30-PM      | 3/8"        | 35 13 33      |
| <b>75 142</b> | 40-PM      | 1/2"        | 35 13 34      |
| <b>75 143</b> | 400-PM     | 1/2"        | 35 13 35      |
| <b>75 144</b> | 600-PM     | 3/4"        | 35 13 36      |
| <b>75 145</b> | 800-PM     | 1"          | 35 13 37      |

**PLUG WITH FEMALE END - PF**

Steel, single end shut-off coupler.



| <u>PART #</u> | <u>NO.</u> | <u>FEMALE</u> | <u>ISSA #</u> |
|---------------|------------|---------------|---------------|
| <b>75 160</b> | 20-PF      | 1/4"          | 35 14 31      |
| <b>75 161</b> | 30-PF      | 3/8"          | 35 14 32      |
| <b>75 162</b> | 40-PF      | 1/2"          | 35 14 33      |
| <b>75 163</b> | 400-PF     | 1/2"          | 35 14 34      |
| <b>75 164</b> | 600-PF     | 3/4"          | 35 14 35      |
| <b>75 165</b> | 800-PF     | 1"            | 35 14 36      |

**CAMLOCK FITTINGS****CAM AND GROOVE MALE ADAPTER X****FEMALE NPT THREAD — TYPE A**

Type A adapters are normally used with Type D couplers, but can be used with Type B and C couplers as well as DC (Dust Cap) of identical size

**ALUMINUM**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 520       | 1/2"        |
| 70 521       | 1/2" X 3/4" |
| 70 522       | 3/4"        |
| 70 523       | 1"          |
| 70 524       | 1-1/4"      |
| 70 525       | 1-1/2"      |
| 70 526       | 2"          |
| 70 527       | 2-1/2"      |
| 70 528       | 3"          |
| 70 529       | 4"          |

**BRASS**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 600       | 1/2"        |
| 70 601       | 1/2" X 3/4" |
| 70 602       | 3/4"        |
| 70 603       | 1"          |
| 70 604       | 1-1/4"      |
| 70 605       | 1-1/2"      |
| 70 606       | 2"          |
| 70 607       | 2-1/2"      |
| 70 608       | 3"          |
| 70 609       | 4"          |

**316 S.S.**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 730       | 1/2"        |
| 70 731       | 1/2" X 3/4" |
| 70 732       | 3/4"        |
| 70 733       | 1"          |
| 70 734       | 1-1/4"      |
| 70 735       | 1-1/2"      |
| 70 736       | 2"          |
| 70 737       | 2-1/2"      |
| 70 738       | 3"          |
| 70 739       | 4"          |

**CAM AND GROOVE FEMALE COUPLER X****MALE NPT THREAD—TYPE B**

Type B couplers are normally used with Type F adapters, but can be used with Type A and E adapters as well as DP (Dust Plug) of identical size.

**ALUMINUM**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 530       | 1/2"        |
| 70 531       | 1/2" X 3/4" |
| 70 532       | 3/4"        |
| 70 533       | 1"          |
| 70 534       | 1-1/4"      |
| 70 535       | 1-1/2"      |
| 70 536       | 2"          |
| 70 537       | 2-1/2"      |
| 70 538       | 3"          |
| 70 539       | 4"          |

**BRASS**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 610       | 1/2"        |
| 70 611       | 1/2" X 3/4" |
| 70 612       | 3/4"        |
| 70 613       | 1"          |
| 70 614       | 1-1/4"      |
| 70 615       | 1-1/2"      |
| 70 616       | 2"          |
| 70 617       | 2-1/2"      |
| 70 618       | 3"          |
| 70 619       | 4"          |

**316 S.S.**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 740       | 1/2"        |
| 70 741       | 1/2" X 3/4" |
| 70 742       | 3/4"        |
| 70 743       | 1"          |
| 70 744       | 1-1/4"      |
| 70 745       | 1-1/2"      |
| 70 746       | 2"          |
| 70 747       | 2-1/2"      |
| 70 748       | 3"          |
| 70 749       | 4"          |

**CAMLOCK FITTINGS****CAM AND GROOVE FEMALE COUPLER X****HOSE SHANK — TYPE C**

Type C couplers are normally used with Type E adapters, but can be used with Type A and F adapters as well as DP (Dust Plug) of identical size.

**ALUMINUM**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 540       | 1/2"        |
| 70 541       | 1/2" X 3/4" |
| 70 542       | 3/4"        |
| 70 543       | 1"          |
| 70 544       | 1-1/4"      |
| 70 545       | 1-1/2"      |
| 70 546       | 2"          |
| 70 547       | 2-1/2"      |
| 70 548       | 3"          |
| 70 549       | 4"          |

**BRASS**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 620       | 1/2"        |
| 70 621       | 1/2" X 3/4" |
| 70 622       | 3/4"        |
| 70 623       | 1"          |
| 70 624       | 1-1/4"      |
| 70 625       | 1-1/2"      |
| 70 626       | 2"          |
| 70 627       | 2-1/2"      |
| 70 628       | 3"          |
| 70 629       | 4"          |

**316 S.S.**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 750       | 1/2"        |
| 70 751       | 1/2" X 3/4" |
| 70 752       | 3/4"        |
| 70 753       | 1"          |
| 70 754       | 1-1/4"      |
| 70 755       | 1-1/2"      |
| 70 756       | 2"          |
| 70 757       | 2-1/2"      |
| 70 758       | 3"          |
| 70 759       | 4"          |

**CAM AND GROOVE FEMALE COUPLER X****FEMALE NPT THREAD — TYPE D**

Type D couplers are normally used with Type A adapters, but can be used with Type E and F adapters as well as DP (Dust Plug) of identical size.

**ALUMINUM**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 550       | 1/2"        |
| 70 551       | 1/2" X 3/4" |
| 70 552       | 3/4"        |
| 70 553       | 1"          |
| 70 554       | 1-1/4"      |
| 70 555       | 1-1/2"      |
| 70 556       | 2"          |
| 70 557       | 2-1/2"      |
| 70 558       | 3"          |
| 70 559       | 4"          |

**BRASS**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 630       | 1/2"        |
| 70 631       | 1/2" X 3/4" |
| 70 632       | 3/4"        |
| 70 633       | 1"          |
| 70 634       | 1-1/4"      |
| 70 635       | 1-1/2"      |
| 70 636       | 2"          |
| 70 637       | 2-1/2"      |
| 70 638       | 3"          |
| 70 639       | 4"          |

**316 S.S.**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 760       | 1/2"        |
| 70 761       | 1/2" X 3/4" |
| 70 762       | 3/4"        |
| 70 763       | 1"          |
| 70 764       | 1-1/4"      |
| 70 765       | 1-1/2"      |
| 70 766       | 2"          |
| 70 767       | 2-1/2"      |
| 70 768       | 3"          |
| 70 769       | 4"          |

**CAMLOCK FITTINGS****CAM AND GROOVE MALE ADAPTER X****HOSE SHANK — TYPE E**

Type E adapters are normally used with Type C couplers, but can be used with Type B and D couplers as well as DC (Dust Cap) of identical size.

**ALUMINUM**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 560       | 1/2"        |
| 70 561       | 1/2" X 3/4" |
| 70 562       | 3/4"        |
| 70 563       | 1"          |
| 70 564       | 1-1/4"      |
| 70 565       | 1-1/2"      |
| 70 566       | 2"          |
| 70 567       | 2-1/2"      |
| 70 568       | 3"          |
| 70 569       | 4"          |

**BRASS**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 640       | 1/2"        |
| 70 641       | 1/2" X 3/4" |
| 70 642       | 3/4"        |
| 70 643       | 1"          |
| 70 644       | 1-1/4"      |
| 70 645       | 1-1/2"      |
| 70 646       | 2"          |
| 70 647       | 2-1/2"      |
| 70 648       | 3"          |
| 70 649       | 4"          |

**316 S.S.**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 770       | 1/2"        |
| 70 771       | 1/2" X 3/4" |
| 70 772       | 3/4"        |
| 70 773       | 1"          |
| 70 774       | 1-1/4"      |
| 70 775       | 1-1/2"      |
| 70 776       | 2"          |
| 70 777       | 2-1/2"      |
| 70 778       | 3"          |
| 70 779       | 4"          |

**CAM AND GROOVE MALE ADAPTER X****MALE NPT THREAD — TYPE F**

Type F adapters are normally used with Type B couplers, but can be used with Type C and D couplers as well as DC (Dust Cap) of identical size

**ALUMINUM**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 570       | 1/2"        |
| 70 571       | 1/2" X 3/4" |
| 70 572       | 3/4"        |
| 70 573       | 1"          |
| 70 574       | 1-1/4"      |
| 70 575       | 1-1/2"      |
| 70 576       | 2"          |
| 70 577       | 2-1/2"      |
| 70 578       | 3"          |
| 70 579       | 4"          |

**BRASS**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 650       | 1/2"        |
| 70 651       | 1/2" X 3/4" |
| 70 652       | 3/4"        |
| 70 653       | 1"          |
| 70 654       | 1-1/4"      |
| 70 655       | 1-1/2"      |
| 70 656       | 2"          |
| 70 657       | 2-1/2"      |
| 70 658       | 3"          |
| 70 659       | 4"          |

**316 S.S.**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 780       | 1/2"        |
| 70 781       | 1/2" X 3/4" |
| 70 782       | 3/4"        |
| 70 783       | 1"          |
| 70 784       | 1-1/4"      |
| 70 785       | 1-1/2"      |
| 70 786       | 2"          |
| 70 787       | 2-1/2"      |
| 70 788       | 3"          |
| 70 789       | 4"          |

**CAMLOCK FITTINGS****CAM AND GROOVE DUST CAP FEMALE****END COUPLER — TYPE DC**

Dust Caps (DC) can be used with type A, E and F adapters to seal the end of the connection.

**ALUMINUM**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 580       | 1/2"        |
| 70 581       | 3/4"        |
| 70 582       | 1"          |
| 70 583       | 1-1/4"      |
| 70 584       | 1-1/2"      |
| 70 585       | 2"          |
| 70 586       | 2-1/2"      |
| 70 587       | 3"          |
| 70 588       | 4"          |

**BRASS**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 660       | 1/2"        |
| 70 661       | 3/4"        |
| 70 662       | 1"          |
| 70 663       | 1-1/4"      |
| 70 664       | 1-1/2"      |
| 70 665       | 2"          |
| 70 666       | 2-1/2"      |
| 70 667       | 3"          |
| 70 668       | 4"          |

**316 S.S.**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 790       | 1/2"        |
| 70 791       | 3/4"        |
| 70 792       | 1"          |
| 70 793       | 1-1/4"      |
| 70 794       | 1-1/2"      |
| 70 795       | 2"          |
| 70 796       | 2-1/2"      |
| 70 797       | 3"          |
| 70 798       | 4"          |

**CAM AND GROOVE DUST PLUG MALE****END ADAPTER — TYPE DP**

Dust Plugs (DP) can be used with type B, C and D couplers to seal the end of the connection.

**ALUMINUM**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 590       | 1/2"        |
| 70 591       | 3/4"        |
| 70 592       | 1"          |
| 70 593       | 1-1/4"      |
| 70 594       | 1-1/2"      |
| 70 595       | 2"          |
| 70 596       | 2-1/2"      |
| 70 597       | 3"          |
| 70 598       | 4"          |

**BRASS**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 670       | 1/2"        |
| 70 671       | 3/4"        |
| 70 672       | 1"          |
| 70 673       | 1-1/4"      |
| 70 674       | 1-1/2"      |
| 70 675       | 2"          |
| 70 676       | 2-1/2"      |
| 70 677       | 3"          |
| 70 678       | 4"          |

**316 S.S.**

| <u>PART#</u> | <u>SIZE</u> |
|--------------|-------------|
| 70 810       | 1/2"        |
| 70 811       | 3/4"        |
| 70 812       | 1"          |
| 70 813       | 1-1/4"      |
| 70 814       | 1-1/2"      |
| 70 815       | 2"          |
| 70 816       | 2-1/2"      |
| 70 817       | 3"          |
| 70 818       | 4"          |

**HOSES****AIR & WATER HOSE, PVC, RED**

A lightweight, reinforced, economical general purpose hose for carrying, air, water, and many spray solutions. Mostly used with pneumatic tools and stapler guns. Sold by the foot.

**RED**

| <u>PART #</u> | <u>HOSE I.D.</u> | <u>PSI.</u> | <u>LENGTH</u> |
|---------------|------------------|-------------|---------------|
| <b>70 820</b> | 1/4"             | 300         | 100'          |
| <b>70 821</b> | 3/8"             | 300         | 100'          |
| <b>70 822</b> | 1/2"             | 250         | 100'          |
| <b>70 823</b> | 5/8"             | 200         | 100'          |
| <b>70 824</b> | 3/4"             | 200         | 100'          |
| <b>70 825</b> | 1"               | 175         | 100'          |

**AIR & WATER HOSE, PVC, BLUE**

A lightweight, reinforced, economical general purpose hose for carrying, air, water, and many spray solutions. Mostly used with pneumatic tools and stapler guns. Sold by the foot.

**BLUE**

| <u>PART #</u> | <u>HOSE I.D.</u> | <u>PSI.</u> | <u>LENGTH</u> |
|---------------|------------------|-------------|---------------|
| <b>70 830</b> | 1/4"             | 300         | 100'          |
| <b>70 831</b> | 3/8"             | 300         | 100'          |
| <b>70 832</b> | 1/2"             | 250         | 100'          |
| <b>70 833</b> | 5/8"             | 200         | 100'          |
| <b>70 834</b> | 3/4"             | 200         | 100'          |
| <b>70 835</b> | 1"               | 175         | 100'          |

**AIR & WATER HOSE, PVC, BRAIDED, CLEAR**

This is an excellent hose for conveying liquids, air and powdered foods. The hose is transparent, allowing for easy inspection during service. FDA Standard. Clear PVC with yellow stripe yarn. Sold by the foot.

| <u>PART #</u> | <u>HOSE I.D.</u> | <u>PSI.</u> | <u>LENGTH</u> |
|---------------|------------------|-------------|---------------|
| <b>70 840</b> | 1/4"             | 300         | 100'          |
| <b>70 841</b> | 3/8"             | 300         | 100'          |
| <b>70 842</b> | 1/2"             | 250         | 100'          |
| <b>70 843</b> | 5/8"             | 200         | 100'          |
| <b>70 844</b> | 3/4"             | 200         | 100'          |
| <b>70 845</b> | 1"               | 175         | 100'          |
| <b>70 846</b> | 1-1/4"           | 100         | 100'          |
| <b>70 847</b> | 1-1/2"           | 100         | 50'           |
| <b>70 848</b> | 2"               | 75          | 50'           |

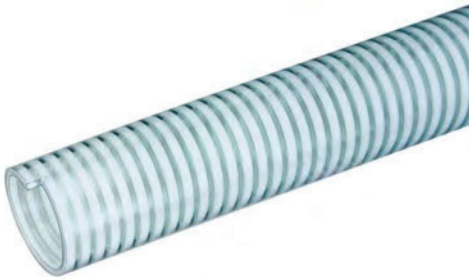
**HOSES****SUCTION & DISCHARGE HOSE, PVC**

The **Green** Hose will handle a variety of liquid and solid materials such as water, slurry transfers, sewage, air, chemicals, grains and pellets.

Sold by the foot.

**GREEN**

| <u>PART #</u> | <u>HOSE I.D.</u> | <u>PSI.</u> | <u>LENGTH</u> |
|---------------|------------------|-------------|---------------|
| <b>70 850</b> | 3/4"             | 100         | 100'          |
| <b>70 851</b> | 1"               | 100         | 100'          |
| <b>70 852</b> | 1-1/4"           | 90          | 100'          |
| <b>70 853</b> | 1-1/2"           | 85          | 100'          |
| <b>70 854</b> | 2"               | 85          | 100'          |
| <b>70 855</b> | 2-1/2"           | 85          | 100'          |
| <b>70 856</b> | 3"               | 75          | 100'          |
| <b>70 857</b> | 4"               | 65          | 100'          |

**SUCTION & DISCHARGE HOSE, PVC**

The **Clear** Hose will handle a variety of liquids and solid materials. The working pressure and vacuum ratings are based on ambient temperature of 70°F and will vary inversely with temperature changes.

Sold by the foot.

**CLEAR**

| <u>PART #</u> | <u>HOSE I.D.</u> | <u>PSI.</u> | <u>LENGTH</u> |
|---------------|------------------|-------------|---------------|
| <b>70 858</b> | 3/4"             | 100         | 100'          |
| <b>70 859</b> | 1"               | 100         | 100'          |
| <b>70 860</b> | 1-1/4"           | 90          | 100'          |
| <b>70 861</b> | 1-1/2"           | 85          | 100'          |
| <b>70 862</b> | 2"               | 85          | 100'          |
| <b>70 863</b> | 2-1/2"           | 85          | 100'          |
| <b>70 864</b> | 3"               | 75          | 100'          |
| <b>70 865</b> | 4"               | 65          | 100'          |

**H.P. WASHER HOSE ASSEMBLY****(NON MARKING)**

Blue smooth cover pressure washer assembly  
1/4" coupled MPT x MPT, 3/8" coupled MPT x MP  
swivel, bend restrictors each end.

Sold by assembly.

**BLUE**

| <u>PART #</u> | <u>HOSE I.D.</u> | <u>PSI.</u> | <u>LENGTH</u> |
|---------------|------------------|-------------|---------------|
| <b>70 180</b> | 1/4"             | 3000        | 50'           |
| <b>70 181</b> | 1/4"             | 3000        | 100'          |
| <b>70 182</b> | 3/8"             | 4000        | 50'           |
| <b>70 183</b> | 3/8"             | 4000        | 100'          |

**HOSES****SUCTION HOSE ASSEMBLY, PVC**

PVC Suction Hose with Cam and Groove Aluminum Couplings. Sold by assembly.

**GREEN**

| <u>PART #</u> | <u>HOSE I.D.</u> | <u>PSI.</u> | <u>LENGTH</u> |
|---------------|------------------|-------------|---------------|
| 70 870        | 2"               | 85          | 20'           |
| 70 871        | 2"               | 85          | 25'           |
| 70 872        | 2"               | 85          | 30'           |
| 70 873        | 3"               | 75          | 20'           |
| 70 874        | 3"               | 75          | 25'           |
| 70 875        | 3"               | 75          | 30'           |
| 70 876        | 4"               | 65          | 20'           |
| 70 877        | 4"               | 65          | 25'           |
| 70 878        | 4"               | 65          | 30'           |

**SUCTION HOSE ASSEMBLY, PVC**

PVC Suction Hose with Cam and Groove Aluminum Couplings. Sold by assembly.

**CLEAR**

| <u>PART #</u> | <u>HOSE I.D.</u> | <u>PSI.</u> | <u>LENGTH</u> |
|---------------|------------------|-------------|---------------|
| 70 440        | 2"               | 85          | 20'           |
| 70 441        | 2"               | 85          | 25'           |
| 70 442        | 2"               | 85          | 30'           |
| 70 443        | 3"               | 75          | 20'           |
| 70 444        | 3"               | 75          | 25'           |
| 70 445        | 3"               | 75          | 30'           |
| 70 446        | 4"               | 65          | 20'           |
| 70 447        | 4"               | 65          | 30'           |

**HOSES****AIR HOSE REEL**

Dual Arm Auto Rewind Air Hose Reel and the extreme performance of a premium rubber air hose that stays flexible at -40 degrees F and takes the heat up to 190 degrees F.

| <u>PART #</u> | <u>HOSE I.D.</u> | <u>LENGTH</u> |
|---------------|------------------|---------------|
| 70 808        | 3/8"             | 50 ft.        |
| 70 809        | 1/2"             | 50 ft.        |

**NYLON PNEUMATIC TUBING**

NITRA nylon tubing is 100% virgin raw materials, strong, lightweight and has a very low moisture absorption rate so it will remain flexible with a longer life. Ideal for use with push-to-connect fittings.

**Sold in 100 ft. package**

| <u>PART #</u> | <u>HOSE O.D.</u> | <u>COLOR</u> | <u>PSI</u> |
|---------------|------------------|--------------|------------|
| 70 450        | 4 mm             | Blue         | 350        |
| 70 451        | 6 mm             | Blue         | 350        |
| 70 452        | 8 mm             | Blue         | 350        |
| 70 453        | 10 mm            | Blue         | 350        |
| 70 454        | 12 mm            | Blue         | 350        |
| 70 455        | 4 mm             | Natural      | 350        |
| 70 456        | 6 mm             | Natural      | 350        |
| 70 457        | 8 mm             | Natural      | 350        |
| 70 458        | 10 mm            | Natural      | 350        |
| 70 459        | 12 mm            | Natural      | 350        |



**HOSE FITTINGS****PNEUMATIC PUSH-TO-CONNECT FITTINGS**

NITRA pneumatic push-to-connect fitting bodies are made of strong thermoplastic (PBT) and have stainless steel tube gripping claws. Threaded components are made of nickel-plated brass and have pre-applied Teflon thread sealant.

**PUSH-TO-CONNECT UNIONS**

| <u>PART #</u> | <u>SIZE.</u> |
|---------------|--------------|
| 70 415        | 4 mm         |
| 70 416        | 6 mm         |
| 70 417        | 8 mm         |
| 70 418        | 10 mm        |
| 70 419        | 12 mm        |

**PUSH-TO-CONNECT UNION Y**

| <u>PART #</u> | <u>SIZE.</u> |
|---------------|--------------|
| 70 431        | 4 mm         |
| 70 432        | 6 mm         |
| 70 433        | 8 mm         |
| 70 434        | 10 mm        |
| 70 435        | 12 mm        |

**PUSH-TO-CONNECT ELBOWS**

| <u>PART #</u> | <u>SIZE.</u> |
|---------------|--------------|
| 70 460        | 4 mm         |
| 70 461        | 6 mm         |
| 70 462        | 8 mm         |
| 70 463        | 10 mm        |
| 70 464        | 12 mm        |

**PUSH-TO-CONNECT TEES**

| <u>PART #</u> | <u>SIZE.</u> |
|---------------|--------------|
| 70 480        | 4 mm         |
| 70 481        | 6 mm         |
| 70 482        | 8 mm         |
| 70 483        | 10 mm        |
| 70 484        | 12 mm        |

**PUSH-TO-CONNECT CROSS**

| <u>PART #</u> | <u>SIZE.</u> |
|---------------|--------------|
| 70 495        | 4 mm         |
| 70 496        | 6 mm         |
| 70 497        | 8 mm         |
| 70 498        | 10 mm        |
| 70 499        | 12 mm        |

**PNEUMATIC PUSH-TO-CONNECT FITTINGS**

NITRA pneumatic push-to-connect fitting bodies are made of strong thermoplastic (PBT) and have stainless steel tube gripping claws. Threaded components are made of nickel-plated brass and have pre-applied Teflon thread sealant.

**PUSH-TO-CONNECT MALE STRAIGHT FITTINGS**

| <u>PART #</u> | <u>SIZE.</u>     |
|---------------|------------------|
| 70 107        | 4 mm x 5 mm      |
| 70 108        | 4 mm x 1/8" BSP  |
| 70 109        | 4 mm x 1/4" BSP  |
| 70 146        | 6 mm x 5 mm      |
| 70 147        | 6 mm x 1/8" BSP  |
| 70 148        | 6 mm x 1/4" BSP  |
| 70 149        | 6 mm x 3/8" BSP  |
| 70 156        | 8 mm x 1/8" BSP  |
| 70 157        | 8 mm x 1/4" BSP  |
| 70 158        | 8 mm x 3/8" BSP  |
| 70 159        | 8 mm x 1/2" BSP  |
| 70 026        | 10 mm x 1/8" BSP |
| 70 027        | 10 mm x 1/4" BSP |
| 70 028        | 10 mm x 3/8" BSP |
| 70 029        | 10 mm x 1/2" BSP |
| 70 117        | 12 mm x 1/4" BSP |
| 70 118        | 12 mm x 3/8" BSP |
| 70 119        | 12 mm x 1/2" BSP |

**PNEUMATIC PUSH-TO-CONNECT FITTINGS**

NITRA pneumatic push-to-connect fitting bodies are made of strong thermoplastic (PBT) and have stainless steel tube gripping claws. Threaded components are made of nickel-plated brass and have pre-applied Teflon thread sealant.

**PUSH-TO-CONNECT MALE ELBOW SWIVEL FITTINGS**

| <u>PART #</u> | <u>SIZE.</u>     |
|---------------|------------------|
| 70 681        | 4 mm x 5 mm      |
| 70 682        | 4 mm x 1/8" BSP  |
| 70 683        | 4 mm x 1/4" BSP  |
| 70 684        | 6 mm x 5 mm      |
| 70 685        | 6 mm x 1/8" BSP  |
| 70 686        | 6 mm x 1/4" BSP  |
| 70 687        | 6 mm x 3/8" BSP  |
| 70 688        | 8 mm x 1/8" BSP  |
| 70 689        | 8 mm x 1/4" BSP  |
| 70 690        | 8 mm x 3/8" BSP  |
| 70 691        | 8 mm x 1/2" BSP  |
| 70 692        | 10 mm x 1/8" BSP |
| 70 693        | 10 mm x 1/4" BSP |
| 70 694        | 10 mm x 3/8" BSP |
| 70 695        | 10 mm x 1/2" BSP |
| 70 696        | 12 mm x 1/4" BSP |
| 70 697        | 12 mm x 3/8" BSP |
| 70 698        | 12 mm x 1/2" BSP |

**PNEUMATIC PUSH-TO-CONNECT FITTINGS**

NITRA pneumatic push-to-connect fitting bodies are made of strong thermoplastic (PBT) and have stainless steel tube gripping claws. Threaded components are made of nickel-plated brass and have pre-applied Teflon thread sealant.

**PUSH-TO-CONNECT FEMALE  
STRAIGHT FITTINGS**

| <u>PART #</u> | <u>SIZE.</u>     |
|---------------|------------------|
| 70 197        | 4 mm x 5 mm      |
| 70 198        | 4 mm x 1/8" BSP  |
| 70 199        | 4 mm x 1/4" BSP  |
| 70 192        | 6 mm x 5 mm      |
| 70 193        | 6 mm x 1/8" BSP  |
| 70 194        | 6 mm x 1/4" BSP  |
| 70 195        | 6 mm x 3/8" BSP  |
| 70 184        | 8 mm x 1/8" BSP  |
| 70 185        | 8 mm x 1/4" BSP  |
| 70 186        | 8 mm x 3/8" BSP  |
| 70 187        | 8 mm x 1/2" BSP  |
| 70 436        | 10 mm x 1/8" BSP |
| 70 437        | 10 mm x 1/4" BSP |
| 70 438        | 10 mm x 3/8" BSP |
| 70 439        | 10 mm x 1/2" BSP |
| 70 420        | 12 mm x 1/4" BSP |
| 70 421        | 12 mm x 3/8" BSP |
| 70 422        | 12 mm x 1/2" BSP |

**PNEUMATIC PUSH-TO-CONNECT FITTINGS**

NITRA pneumatic push-to-connect fitting bodies are made of strong thermoplastic (PBT) and have stainless steel tube gripping claws. Threaded components are made of nickel-plated brass and have pre-applied Teflon thread sealant.

**PUSH-TO-CONNECT FEMALE ELBOW FITTINGS**

| <u>PART #</u> | <u>SIZE.</u>     |
|---------------|------------------|
| 70 711        | 4 mm x 5 mm      |
| 70 712        | 4 mm x 1/8" BSP  |
| 70 713        | 4 mm x 1/4" BSP  |
| 70 714        | 6 mm x 5 mm      |
| 70 715        | 6 mm x 1/8" BSP  |
| 70 716        | 6 mm x 1/4" BSP  |
| 70 717        | 6 mm x 3/8" BSP  |
| 70 718        | 8 mm x 1/8" BSP  |
| 70 719        | 8 mm x 1/4" BSP  |
| 70 723        | 8 mm x 3/8" BSP  |
| 70 724        | 8 mm x 1/2" BSP  |
| 70 725        | 10 mm x 1/8" BSP |
| 70 726        | 10 mm x 1/4" BSP |
| 70 727        | 10 mm x 3/8" BSP |
| 70 728        | 10 mm x 1/2" BSP |
| 70 729        | 12 mm x 1/4" BSP |
| 70 679        | 12 mm x 3/8" BSP |
| 70 680        | 12 mm x 1/2 BSP  |

**PNEUMATIC PUSH-TO-CONNECT FITTINGS**

NITRA pneumatic push-to-connect fitting bodies are made of strong thermoplastic (PBT) and have stainless steel tube gripping claws. Threaded components are made of nickel-plated brass and have pre-applied Teflon thread sealant.

**PUSH-TO-CONNECT MALE BRANCH TEE FITTINGS**

| <u>PART #</u> | <u>SIZE.</u>     |
|---------------|------------------|
| 70 907        | 4 mm x 5 mm      |
| 70 908        | 4 mm x 1/8" BSP  |
| 70 909        | 4 mm x 1/4" BSP  |
| 70 836        | 6 mm x 5 mm      |
| 70 837        | 6 mm x 1/8" BSP  |
| 70 838        | 6 mm x 1/4" BSP  |
| 70 839        | 6 mm x 3/8" BSP  |
| 70 866        | 8 mm x 1/8" BSP  |
| 70 867        | 8 mm x 1/4" BSP  |
| 70 868        | 8 mm x 3/8" BSP  |
| 70 869        | 8 mm x 1/2" BSP  |
| 70 927        | 10 mm x 1/8" BSP |
| 70 928        | 10 mm x 1/4" BSP |
| 70 929        | 10 mm x 3/8" BSP |
| 70 930        | 10 mm x 1/2" BSP |
| 70 957        | 12 mm x 1/4" BSP |
| 70 958        | 12 mm x 3/8" BSP |
| 70 959        | 12 mm x 1/2" BSP |

**PNEUMATIC PUSH-TO-CONNECT FITTINGS**

NITRA pneumatic push-to-connect fitting bodies are made of strong thermoplastic (PBT) and have stainless steel tube gripping claws. Threaded components are made of nickel-plated brass and have pre-applied Teflon thread sealant.

**PUSH-TO-CONNECT MALE RUN TEE FITTINGS**

| <u>PART #</u> | <u>SIZE.</u>     |
|---------------|------------------|
| 70 962        | 4 mm x 5 mm      |
| 70 963        | 4 mm x 1/8" BSP  |
| 70 964        | 4 mm x 1/4" BSP  |
| 70 965        | 6 mm x 5 mm      |
| 70 966        | 6 mm x 1/8" BSP  |
| 70 967        | 6 mm x 1/4" BSP  |
| 70 968        | 6 mm x 3/8" BSP  |
| 70 969        | 8 mm x 1/8" BSP  |
| 70 970        | 8 mm x 1/4" BSP  |
| 70 971        | 8 mm x 3/8" BSP  |
| 70 972        | 8 mm x 1/2" BSP  |
| 70 973        | 10 mm x 1/8" BSP |
| 70 974        | 10 mm x 1/4" BSP |
| 70 975        | 10 mm x 3/8" BSP |
| 70 976        | 10 mm x 1/2" BSP |
| 70 977        | 12 mm x 1/4" BSP |
| 70 978        | 12 mm x 3/8" BSP |
| 70 979        | 12 mm x 1/2" BSP |



**BRASS CHECK VALVE**

Female BSP Thread with metallic shutter  
ISO 228

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 701        | 1/2"        |
| 70 702        | 3/4"        |
| 70 703        | 1"          |
| 70 704        | 1-1/4"      |
| 70 705        | 1-1/2"      |
| 70 706        | 2"          |
| 70 707        | 2-1/2"      |
| 70 708        | 3"          |
| 70 709        | 4"          |



**BRASS NEEDLE VALVES**

Straight valve with cutting ring & tube nut both ends. EV5100-282

| <u>PART #</u> | <u>SIZE</u> | <u>ISSA #</u> |
|---------------|-------------|---------------|
| 70 401        | 8x8mm       | 75 21 02      |
| 70 402        | 10x10mm     | 75 21 03      |
| 70 403        | 12x12mm     | 75 21 04      |



**BRASS NEEDLE VALVES**

Straight valve with female BSP thread both ends. EV5100-8

| <u>PART #</u> | <u>SIZE</u> | <u>ISSA #</u> |
|---------------|-------------|---------------|
| 70 801        | 1/8 BSP     | 75 21 51      |
| 70 802        | 1/4 BSP     | 75 21 52      |
| 70 803        | 3/8 BSP     | 75 21 53      |
| 70 804        | 1/2 BSP     | 75 21 54      |



**STAINLESS STEEL NEEDLE VALVES**

316 Stainless steel straight valve with female BSP thread both ends. 6000 PSI

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 112        | 1/4 BSP     |
| 71 113        | 3/8 BSP     |
| 71 114        | 1/2 BSP     |



**BRASS NEEDLE VALVES**

Straight valve with male BSP thread both ends.  
EV5100-18

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 71 115        | 1/8 BSP     |
| 71 116        | 1/4 BSP     |
| 71 117        | 3/8 BSP     |
| 71 118        | 1/2 BSP     |



**BRASS ANGLE NEEDLE VALVES**

Angle valve with cutting & tube nut at outlet  
and male BSP thread. EV5100-285

| <u>PART #</u> | <u>SIZE</u>     | <u>ISSA #</u> |
|---------------|-----------------|---------------|
| 71 119        | 6mm x 1/4" BSP  | 75 21 17      |
| 71 120        | 6mm x 3/8" BSP  |               |
| 71 121        | 8mm x 1/4" BSP  | 75 21 18      |
| 71 122        | 8mm x 3/8" BSP  |               |
| 71 123        | 10mm x 1/4" BSP |               |
| 71 124        | 10mm x 3/8" BSP | 75 21 19      |
| 71 125        | 10mm x 1/2" BSP |               |
| 71 151        | 12mm x 3/8" BSP |               |
| 71 152        | 12mm x 1/2" BSP | 75 21 20      |



**MINI BALL VALVE, CHROME-PLATED BRASS**

Female BSP Thread.

| <u>PART #</u> | <u>SIZE</u> |
|---------------|-------------|
| 70 720        | 1/4" BSP    |
| 70 721        | 3/8" BSP    |
| 70 722        | 1/2" BSP    |



**BRASS BALL VALVES - BSP**

Brass nickel plated, reduced bore with teflon seal, 600 W.O.G. Female BSP thread.

| <u>PART #</u> | <u>SIZE</u> | <u>ISSA #</u> |
|---------------|-------------|---------------|
| 70 910        | 1/4" BSPP   |               |
| 70 911        | 3/8" BSPP   | 75 24 01      |
| 70 912        | 1/2" BSPP   | 75 24 02      |
| 70 913        | 3/4" BSPP   | 75 24 03      |
| 70 914        | 1" BSPP     | 75 24 04      |
| 70 915        | 1-1/4" BSPP | 75 24 05      |
| 70 916        | 1 1/2" BSPP | 75 24 06      |
| 70 917        | 2" BSPP     | 75 24 07      |



**ST. STEEL BALL VALVES - BSP**

316 Stainless steel, reduced bore with teflon seal, 1000 W.O.G. Female BSP thread.

| <u>PART #</u> | <u>SIZE</u> | <u>ISSA #</u> |
|---------------|-------------|---------------|
| 70 920        | 1/4" BSPP   | 75 24 11      |
| 70 921        | 3/8" BSPP   | 75 24 12      |
| 70 922        | 1/2" BSPP   | 75 24 13      |
| 70 923        | 3/4" BSPP   | 75 24 14      |
| 70 924        | 1" BSPP     | 75 24 15      |
| 70 925        | 1 1/4" BSPP | 75 24 16      |
| 70 926        | 1 1/2" BSPP | 75 24 17      |
| 70 931        | 2" BSPP     | 75 24 18      |



**BRASS GATE VALVES - BSPP**

Non rising stem, 150 Lbs, female BSPP thread.

| <u>PART #</u> | <u>SIZE</u> | <u>ISSA #</u> |
|---------------|-------------|---------------|
| 70 940        | 1/2" BSPP   | 75 19 71      |
| 70 941        | 3/4" BSPP   | 75 19 72      |
| 70 942        | 1" BSPP     | 75 19 73      |
| 70 943        | 1-1/4" BSPP | 75 19 74      |
| 70 944        | 1-1/2" BSPP | 75 19 75      |
| 70 945        | 2" BSPP     | 75 19 76      |



**BRASS GLOBE VALVES - BSPP**

150 Lbs, female BSPP thread.

| <u>PART #</u> | <u>SIZE</u> | <u>ISSA #</u> |
|---------------|-------------|---------------|
| 70 901        | 1/2" BSPP   | 75 19 18      |
| 70 902        | 3/4" BSPP   | 75 19 19      |
| 70 903        | 1" BSPP     | 75 19 20      |
| 70 904        | 1-1/4" BSPP | 75 19 21      |
| 70 905        | 1-1/2" BSPP | 75 19 22      |
| 70 906        | 2" BSPP     | 75 19 23      |



### **STRAUB COUPLINGS - GRIP-L**

Pull-out resistant coupling for all metal pipe up to **16 Bar**.

Stainless steel 304 casing with stainless steel lock parts and internal components.

Sealing sleeve: **NBR** for gas, oil, water, fuel and other hydrocarbons.

Temp.range: -20/+80C

**EPDM** for water, waste water, air, solids and chemicals.

Temp.range: -20/+80C

### **GRIP-L**

| <b><u>PART #</u></b> | <b><u>NORM.BORE</u></b> | <b><u>PIPE O.D</u></b> | <b><u>NORM.PRESS.</u></b> | <b><u>TOLERANCE</u></b> | <b><u>WEIGHT</u></b> |
|----------------------|-------------------------|------------------------|---------------------------|-------------------------|----------------------|
| <b>71 160</b>        | 3/4"                    | 26.9mm                 | 16 Bar                    | 26.6- 27.2mm            | .35 Lbs              |
| <b>71 161</b>        | 1"                      | 33.7mm                 | 16 Bar                    | 33.3- 34.1mm            | .35 Lbs              |
| <b>71 162</b>        | 1 1/4"                  | 38.0mm                 | 16 Bar                    | 37.5- 38.5mm            | .70 Lbs              |
| <b>70 805</b>        | 1 1/4"                  | 42.4mm                 | 16 Bar                    | 41.4- 43.4mm            | .75 Lbs              |
| <b>71 136</b>        | 1 1/2"                  | 44.5mm                 | 16 Bar                    | 43.5- 45.5mm            | .80 Lbs              |
| <b>71 138</b>        | 1 1/2"                  | 48.3mm                 | 16 Bar                    | 47.3- 49.3mm            | .90 Lbs              |
| <b>71 139</b>        | 2"                      | 54.0mm                 | 16 Bar                    | 53.0- 55.0mm            | 1.05 Lbs             |
| <b>71 141</b>        | 2"                      | 57.0mm                 | 16 Bar                    | 56.4- 57.6mm            | 1.12 Lbs             |
| <b>71 127</b>        | 2"                      | 60.3mm                 | 16 Bar                    | 59.0- 62.0mm            | 1.20 Lbs             |
| <b>71 128</b>        | 2 1/2"                  | 76.1mm                 | 16 Bar                    | 75.0- 78.0mm            | 2.20 Lbs             |
| <b>71 153</b>        | 3"                      | 84.0mm                 | 16 Bar                    | 83.2- 84.8mm            | 2.40 Lbs             |
| <b>71 129</b>        | 3"                      | 88.9mm                 | 16 Bar                    | 88.0- 91.0mm            | 2.50 Lbs             |
| <b>71 154</b>        | 4"                      | 104.0mm                | 16 Bar                    | 103.0-105.0mm           | 2.70 Lbs             |
| <b>71 130</b>        | 4"                      | 108.0mm                | 16 Bar                    | 107.0-110.0mm           | 2.90 Lbs             |
| <b>71 131</b>        | 4"                      | 114.3mm                | 16 Bar                    | 113.0-116.0mm           | 3.10 Lbs             |
| <b>71 132</b>        | 5"                      | 133.0mm                | 16 Bar                    | 132.0-135.0mm           | 4.70 Lbs             |
| <b>71 133</b>        | 5"                      | 139.7mm                | 16 Bar                    | 139.0-142.0mm           | 4.90 Lbs             |
| <b>71 143</b>        | 5"                      | 141.3mm                | 13 Bar                    | 139.9-142.7mm           | 4.95 Lbs             |
| <b>71 134</b>        | 6"                      | 159.0mm                | 13 Bar                    | 158.0-161.0mm           | 5.30 Lbs             |
| <b>71 135</b>        | 6"                      | 168.3mm                | 13 Bar                    | 167.0-170.0mm           | 5.50 Lbs             |
| <b>71 137</b>        | 8"                      | 219.1mm                | 10 bar                    | 218.0-221.0mm           | 7.70 Lbs             |
| <b>71 144</b>        | 10"                     | 267.0mm                | 4.8 Bar                   | 266.0-269.0mm           | 10.20 Lbs            |
| <b>71 145</b>        | 10"                     | 273.0mm                | 4.6 Bar                   | 272.0-275.0mm           | 10.40 Lbs            |
| <b>71 146</b>        | 12"                     | 323.9mm                | 3.6 Bar                   | 323.0-326.0mm           | 12.10 Lbs            |
| <b>71 147</b>        | 14"                     | 355.6mm                |                           | 352.0-359.2mm           | 13.20 Lbs            |
| <b>71 142</b>        | 16"                     | 406.4mm                |                           | 402.3-410.5mm           | 15.00 Lbs            |



**STRAUB COUPLINGS - METAL GRIP**

Axial restraint coupling for all metal pipe up to **16 Bar**.

Stainless steel 304 casing with stainless steel lock parts and internal components.

Sealing sleeve: **NBR** for gas, oil, water, fuel and other hydrocarbons.

Temp.range: -20/+80C

**EPDM** for water, waste water, air, solids and chemicals.

Temp.range: -20/+80C

**METAL-GRIP**

| <u>PART #</u> | <u>NORM.BORE</u> | <u>PIPE O.D.</u> | <u>TOLERANCE</u> | <u>WEIGHT</u> |
|---------------|------------------|------------------|------------------|---------------|
| <b>71 169</b> | 1"               | 30.0mm           | 29.5-30.5mm      | .66 Lbs       |
| <b>71 170</b> | 1"               | 33.7mm           | 33.0- 34.0mm     | .66 Lbs       |
| <b>71 171</b> | 1 1/4"           | 38.0mm           | 37.5- 38.5mm     | .88 Lbs       |
| <b>71 172</b> | 1 1/4"           | 42.4mm           | 41.9- 43.9mm     | 1.10 Lbs      |
| <b>71 173</b> | 1 1/2"           | 44.5mm           | 44.0- 45.0mm     | 1.10 Lbs      |
| <b>71 174</b> | 1 1/2"           | 48.3mm           | 47.8- 48.8mm     | 1.32 Lbs      |
| <b>71 175</b> | 2"               | 54.0mm           | 53.4- 54.6mm     | 1.10 Lbs      |
| <b>71 176</b> | 2"               | 60.3mm           | 59.7- 60.9mm     | 1.76 Lbs      |
| <b>71 177</b> | 2 1/2"           | 76.1mm           | 75.3- 76.9mm     | 3.10 Lbs      |
| <b>71 178</b> | 3"               | 88.9mm           | 88.0- 89.8mm     | 3.52 Lbs      |
| <b>71 179</b> | 4"               | 108.mm           | 106.9-109.1mm    | 3.96 Lbs      |
| <b>71 180</b> | 4"               | 114.3mm          | 113.2-115.4mm    | 4.18 Lbs      |
| <b>71 181</b> | 5"               | 133.0mm          | 131.7-134.3mm    | 6.82 Lbs      |
| <b>71 182</b> | 5"               | 139.7mm          | 138.3-141.1mm    | 7.92 Lbs      |
| <b>71 183</b> | 6"               | 159.0mm          | 157.4-160.6mm    | 8.58 Lbs      |
| <b>71 184</b> | 6"               | 168.3mm          | 166.6-170.0mm    | 9.05 Lbs      |
| <b>71 185</b> | 8"               | 219.1mm          | 216.9-221.3mm    | 20.90 Lbs     |
| <b>71 186</b> | 10"              | 267.0mm          | 264.3-269.7mm    | 32.20 Lbs     |
| <b>71 187</b> | 10"              | 273.0mm          | 270.3-275.7mm    | 33.40 Lbs     |
| <b>71 188</b> | 12"              | 323.9mm          | 320.6-327.2mm    | 36.30 Lbs     |
| <b>71 189</b> | 14"              | 355.6mm          | 352.0-359.2mm    | 40.26 Lbs     |
| <b>71 190</b> | 16"              | 406.4mm          | 402.3-410.5mm    | 45.55 Lbs     |



**STRAUB COUPLINGS - REPAIR**

Repair clamp without axial restraint for all pipe materials up to **20 Bar**.

Stainless steel 304 casing with stainless steel lock parts and internal components.

Sealing sleeve: **NBR** for gas, oil, water, fuel and other hydrocarbons.

Temp.range: -20/+80C

**EPDM** for water, waste water, air, solids and chemicals.

Temp.range: -20/+80C

**REPAIR**

| <u>PART #</u> | <u>NORM.BORE</u> | <u>PIPE O.D.</u> | <u>TOLERANCE</u> | <u>WEIGHT</u> |
|---------------|------------------|------------------|------------------|---------------|
| <b>70 880</b> | 1 1/2"           | 48.3mm           | 47.0- 49.0mm     | .90 Lbs       |
| <b>70 881</b> | 2"               | 54.0mm           | 53.0- 55.0mm     | 1.05 Lbs      |
| <b>70 882</b> | 2"               | 57.0mm           | 56.0-58.0mm      | 1.12 Lbs      |
| <b>70 883</b> | 2"               | 60.3mm           | 59.0- 61.0mm     | 1.20 Lbs      |
| <b>70 884</b> | 2 1/2"           | 76.1mm           | 74.0-77.0mm      | 2.20 Lbs      |
| <b>70 885</b> | 3"               | 84.0mm           | 82.0-85.0mm      | 2.40 Lbs      |
| <b>70 886</b> | 3"               | 88.9mm           | 87.0- 91.0mm     | 2.50 Lbs      |
| <b>70 887</b> | 4"               | 104.0mm          | 102.0-106.0mm    | 2.70 Lbs      |
| <b>70 888</b> | 4"               | 108.0mm          | 107.0-111.0mm    | 2.90 Lbs      |
| <b>70 889</b> | 4"               | 114.3mm          | 112.0-117.0mm    | 3.10 Lbs      |
| <b>70 890</b> | 5"               | 129.0mm          | 127.0-131.0mm    | 4.40 Lbs      |
| <b>70 891</b> | 5"               | 133.0mm          | 131.0-136.0mm    | 4.70 Lbs      |
| <b>70 892</b> | 5"               | 139.7mm          | 137.0-142.0mm    | 4.90 Lbs      |
| <b>70 893</b> | 6"               | 154.0mm          | 152.0-156.0mm    | 5.10 Lbs      |
| <b>70 894</b> | 6"               | 159.0mm          | 157.0-162.0mm    | 5.30 Lbs      |
| <b>70 895</b> | 6"               | 168.3mm          | 166.0-171.0mm    | 5.50 Lbs      |
| <b>71 148</b> | 8"               | 219.1mm          | 216.0-221.0mm    | 7.70 Lbs      |
| <b>71 149</b> | 10"              | 267.0mm          | 246.0-269.0mm    | 10.20 Lbs     |
| <b>71 140</b> | 10"              | 273.0mm          | 272.0-275.0mm    | 10.40 Lbs     |
| <b>71 150</b> | 12"              | 323.9mm          | 320.0-327.0mm    | 12.10 Lbs     |
| <b>70 896</b> | 14"              | 355.6mm          | 351.0-358.0mm    | 13.20 Lbs     |
| <b>70 897</b> | 16"              | 406.4mm          | 402.0-410.0mm    | 15.00 Lbs     |



**STRAUB COUPLINGS - FLEX**

Flexible Pipe Joint without pull-out resistance for all pipe materials, up to **40 Bar**.

Stainless steel 304 casing with stainless steel internal components and galvanized lock parts.

Sealing sleeve: **NBR** for gas, oil, water, fuel and other hydrocarbons.

Temp.range: -20/+80C

**EPDM** for water, waste water, air, solids and chemicals.

Temp. range: -20/+80C

**FLEX**

| <u>PART #</u> | <u>NORM.BORE</u> | <u>PIPE O.D.</u> | <u>NORM.PRESS.</u> | <u>TOLERANCE</u> | <u>WEIGHT</u> |
|---------------|------------------|------------------|--------------------|------------------|---------------|
| <b>72 201</b> | 1 1/2"           | 48.3mm           | 16 Bar             | 47.0- 49.0mm     | .90 Lbs       |
| <b>72 202</b> | 2"               | 54.0mm           | 16 Bar             | 53.0- 55.0mm     | 1.05 Lbs      |
| <b>72 203</b> | 2"               | 57.0mm           | 16 Bar             | 56.0-58.0mm      | 1.12 Lbs      |
| <b>72 204</b> | 2"               | 60.3mm           | 16 Bar             | 59.0- 61.0mm     | 1.20 Lbs      |
| <b>72 205</b> | 2 1/2"           | 76.1mm           | 16 bar             | 74.0-77.0mm      | 2.20 Lbs      |
| <b>72 206</b> | 3"               | 84.0mm           | 16 bar             | 82.0-85.0mm      | 2.40 Lbs      |
| <b>72 207</b> | 3"               | 88.9mm           | 16 Bar             | 87.0- 91.0mm     | 2.50 Lbs      |
| <b>72 208</b> | 4"               | 104.0mm          | 16 Bar             | 102.0-106.0mm    | 2.70 Lbs      |
| <b>72 209</b> | 4"               | 108.0mm          | 16 bar             | 107.0-111.0mm    | 2.90 Lbs      |
| <b>72 210</b> | 4"               | 114.3mm          | 16 Bar             | 112.0-117.0mm    | 3.10 Lbs      |
| <b>72 211</b> | 5"               | 129.0mm          | 16 Bar             | 127.0-131.0mm    | 4.40 Lbs      |
| <b>72 212</b> | 5"               | 133.0mm          | 16 Bar             | 131.0-136.0mm    | 4.70 Lbs      |
| <b>72 213</b> | 5"               | 139.7mm          | 16 Bar             | 137.0-142.0mm    | 4.90 Lbs      |
| <b>72 214</b> | 6"               | 154.0mm          | 16 Bar             | 152.0-156.0mm    | 5.10 Lbs      |
| <b>72 215</b> | 6"               | 159.0mm          | 16 Bar             | 157.0-162.0mm    | 5.30 Lbs      |
| <b>72 216</b> | 6"               | 168.3mm          | 16 Bar             | 166.0-171.0mm    | 5.50 Lbs      |
| <b>72 217</b> | 8"               | 219.1mm          | 12.2 Bar           | 216.0-221.0mm    | 7.70 Lbs      |
| <b>72 218</b> | 10"              | 273.0mm          | 11 Bar             | 272.0-275.0mm    | 10.40 Lbs     |
| <b>72 219</b> | 12"              | 323.9mm          | 8.8 Bar            | 320.0-327.0mm    | 12.10 Lbs     |
| <b>72 220</b> | 14"              | 355.6mm          | 7.1 Bar            | 351.0-358.0mm    | 13.20 Lbs     |
| <b>72 221</b> | 16"              | 406.4mm          | 6.1 Bar            | 402.0-410.0mm    | 15.00 Lbs     |