

HT-Series ISO16028 Flushface Interchange

- Patented coupler-stem retention system provides optimum performance during surge flow, burst and impulse pressure
- Wide selection of seal and body materials provides optimum versatility in a variety of applications
- Heavy duty grooved sleeves are highly versatile, rugged, and ideal for bulkhead mounting
- HT-Series couplings have been designed to exceed 1,000,000 cycles during impulse testing, making them ideal for hammers



| PERFORMANCE SPECIFICATIONS | OPERATING bar (psi) | BURST bar (psi) | FLOW RATE ΔP=1 bar | LOCKING MECHANISM |
|----------------------------|---------------------|-----------------|--------------------|-------------------|
| 3/8" | 388 (5,625) | 1,551 (22,500) | 30 LPM (8 GPM) | 12 Balls |
| 1/2" | 397 (5,750) | 1,586 (23,000) | 66 LPM (17 GPM) | 12 Balls |
| 5/8" | 379 (5,500) | 1,517 (22,000) | 100 LPM (27 GPM) | 12 Balls |
| 3/4" | 345 (5,000) | 1,379 (20,000) | 138 LPM (36 GPM) | 12 Balls |
| 1" | 371 (5,375) | 1,482 (21,500) | 204 LPM (54 GPM) | 12 Balls |
| 3/8" 316 SS | 241 (3,500) | 1,551 (22,500) | 30 LPM (8 GPM) | 12 Balls |
| 1/2" 316 SS | 207 (3,000) | 1,586 (23,000) | 66 LPM (17 GPM) | 12 Balls |
| 5/8" 316 SS | 207 (3,000) | 1,517 (20,000) | 100 LPM (27 GPM) | 12 Balls |
| 3/4" 316 SS | 207 (3,000) | 1,379 (20,000) | 138 LPM (36 GPM) | 12 Balls |
| 1" 316 SS | 138 (2,000) | 1,482 (21,500) | 204 LPM (54 GPM) | 12 Balls |

Please Note: For 316 Stainless Steel operating pressure multiply pressures by 0.60.

| INTERCHANGE SPECIFICATIONS | US MILITARY | INDUSTRY STANDARDS | INTERNATIONAL STANDARDS | ANSI/NFPA |
|----------------------------|-------------|--------------------|-------------------------|---------------|
| 3/8" | - | HTMA | ISO16028 | T3.20.15-1991 |
| 1/2" | - | x | ISO16028 | x |
| 5/8" | - | x | ISO16028 | x |
| 3/4" | - | x | ISO16028 | x |
| 1" | - | x | ISO16028 | x |

x These particular sizes are not outlined within the documented standard category.

| 'HT' SERIES INTERCHANGE | PARKER | SNAP-TITE | FASTER | HOLMBURY |
|-------------------------|-----------|-----------|---------------|------------|
| 3/8" | FF-Series | 74 Series | FFN/2FFN/2FFI | Series 'A' |
| 1/2" | FE-Series | 74 Series | FFI/2FFI/3FFI | Series 'A' |
| 5/8" | FE-Series | 74 Series | FFI/2FFI/3FFI | Series 'A' |
| 3/4" | FE-Series | 74 Series | FFI/2FFI/3FFI | Series 'A' |
| 1" | - | 74 Series | FFI/2FFI/3FFI | Series 'A' |



HT-SERIES ISO16028 FLUSHFACE INTERCHANGE (COUPLER DUST CAP)

| PART NO. | BODY SIZE | CAP LANYARD | BODY MATERIAL |
|----------|-----------|-------------|---------------|
| 3HTDP | 3/8" | Elastomer | Elastomer |
| 4HTDP | 1/2" | Elastomer | Elastomer |
| 5HTDP | 5/8" | Elastomer | Elastomer |
| 6HTDP | 3/4" | Elastomer | Elastomer |
| 8HTDP | 1" | Elastomer | Elastomer |

Note: Fits Dixon/Perfecting couplers only



HT-SERIES ISO16028 FLUSHFACE INTERCHANGE (NIPPLE DUST CAP)

| PART NO. | BODY SIZE | CAP LANYARD | BODY MATERIAL |
|----------|-----------|-------------|---------------|
| HT3DC | 3/8" | Elastomer | Elastomer |
| HT4DC | 1/2" | Elastomer | Elastomer |
| HT5DC | 5/8" | Elastomer | Elastomer |
| HT6DC | 3/4" | Elastomer | Elastomer |
| HT8DC | 1" | Elastomer | Elastomer |

Note: Fits all ISO 16018 nipples

HT-SERIES ISO16028 FLUSHFACE INTERCHANGE (COUPLER)

| PART NO. | BODY SIZE | THREAD SIZE | BODY MATERIAL |
|------------|-----------|--------------------|---------------------|
| 3HTF3 | 3/8" | 3/8"-18 NPTF | Steel |
| 3HTF3-SS | 3/8" | 3/8"-18 NPTF | 316 Stainless Steel |
| 3HTOF3 | 3/8" | 9/16"-18 ORB | Steel |
| 3HTBF3 | 3/8" | G3/8"BSPP | Steel |
| 3HTBF3-SS | 3/8" | G3/8"BSPP | 316 Stainless Steel |
| 3HTF4 | 3/8" | 1/2"-14 NPTF | Steel |
| 3HTF4-SS | 3/8" | 1/2"-14 NPTF | 316 Stainless Steel |
| 3HTOF4 | 3/8" | 3/4"-16 ORB | Steel |
| 3HTBF4 | 3/8" | G1/2" BSPP | Steel |
| 3HTBF4-SS | 3/8" | G1/2" BSPP | 316 Stainless Steel |
| 4HTF4 | 1/2" | 1/2"-14 NPTF | Steel |
| 4HTF4-SS | 1/2" | 1/2"-14 NPTF | 316 Stainless Steel |
| 4HTOF4 | 1/2" | 3/4"-16 ORB | Steel |
| 4HTBF4 | 1/2" | G1/2" BSPP | Steel |
| 4HTBF4-SS | 1/2" | G1/2" BSPP | 316 Stainless Steel |
| 4HTOF5 | 1/2" | 7/8"-14 ORB | Steel |
| 4HTF6 | 1/2" | 3/4"-14 NPTF | Steel |
| 4HTF6-SS | 1/2" | 3/4"-14 NPTF | 316 Stainless Steel |
| 4HTOF6 | 1/2" | 1 1/16"-12 ORB | Steel |
| 4HTBF6 | 1/2" | G3/4" BSPP | Steel |
| 4HTBF6-SS | 1/2" | G3/4" BSPP | 316 Stainless Steel |
| 5HTOF5 | 5/8" | 7/8"-14 ORB | Steel |
| 5HTF6 | 5/8" | 3/4"-14 NPTF | Steel |
| 5HTF6-SS | 5/8" | 3/4"-14 NPTF | 316 Stainless Steel |
| 5HTOF6 | 5/8" | 1 1/16"-12 ORB | Steel |
| 5HTBF6 | 5/8" | G3/4" BSPP | Steel |
| 5HTBF6-SS | 5/8" | G3/4" BSPP | 316 Stainless Steel |
| 6HTF6 | 3/4" | 3/4"-14 NPTF | Steel |
| 6HTF6-SS | 3/4" | 3/4"-14 NPTF | 316 Stainless Steel |
| 6HTOF6 | 3/4" | 1 1/16"-12 ORB | Steel |
| 6HTBF6 | 3/4" | G3/4" BSPP | Steel |
| 6HTBF6-SS | 3/4" | G3/4" BSPP | 316 Stainless Steel |
| 6HTF8 | 3/4" | 1"-11 1/2 NPTF | Steel |
| 6HTF8-SS | 3/4" | 1"-11 1/2 NPTF | 316 Stainless Steel |
| 6HTOF8 | 3/4" | 1 5/16"-12 ORB | Steel |
| 6HTBF8 | 3/4" | G1" BSPP | Steel |
| 6HTBF8-SS | 3/4" | G1" BSPP | 316 Stainless Steel |
| 8HTF8 | 1" | 1"-11 1/2 NPTF | Steel |
| 8HTF8-SS | 1" | 1"-11 1/2 NPTF | 316 Stainless Steel |
| 8HTOF8 | 1" | 1 5/16"-12 ORB | Steel |
| 8HTBF8 | 1" | G1" BSPP | Steel |
| 8HTBF8-SS | 1" | G1" BSPP | 316 Stainless Steel |
| 8HTF10 | 1" | 1 1/4"-11 1/2 NPTF | Steel |
| 8HTF10-SS | 1" | 1 1/4"-11 1/2 NPTF | 316 Stainless Steel |
| 8HTOF10 | 1" | 1 5/8"-12 ORB | Steel |
| 8HTBF10 | 1" | G1 1/4" BSPP | Steel |
| 8HTBF10-SS | 1" | G1 1/4" BSPP | 316 Stainless Steel |



(Female Thread)

HT SERIES ISO16028 FLUSHFACE INTERCHANGE (COUPLER)

| PART NO. | BODY SIZE | THREAD SIZE | BODY MATERIAL |
|----------|-----------|----------------------|---------------|
| 3HTM3 | 3/8" | 3/8"-18 NPTF | Steel |
| 3HTM4 | 3/8" | 1/2"-14 NPTF | Steel |
| 3HTOM4 | 3/8" | 3/4"-16 ORB | Steel |
| 3HTJM4 | 3/8" | 3/4"-16 JIC | Steel |
| 3HTJB4 | 3/8" | 3/4"-16 JIC Bulkhead | Steel |
| 4HTM4 | 1/2" | 1/2"-14 NPTF | Steel |
| 5HTM6 | 5/8" | 3/4"-14 NPTF | Steel |
| 6HTM6 | 3/4" | 3/4"-14 NPTF | Steel |
| 6HTM8 | 3/4" | 1"-11 1/2 NPTF | Steel |
| 8HTM8 | 1" | 1"-11 1/2 NPTF | Steel |
| 8HTM10 | 1" | 1 1/4"-11 1/2 NPTF | Steel |



(Male Thread)

HT-SERIES ISO16028 FLUSHFACE INTERCHANGE (NIPPLE)



(Female Thread)

| PART NO. | BODY SIZE | THREAD SIZE | BODY MATERIAL |
|------------|-----------|--------------------|---------------------|
| HT3F3 | 3/8" | 3/8"-18 NPTF | Steel |
| HT3F3-SS | 3/8" | 3/8"-18 NPTF | 316 Stainless Steel |
| HT30F3 | 3/8" | 9/16"-18 ORB | Steel |
| HT3BF3 | 3/8" | G3/8" BSPP | Steel |
| HT3BF3-SS | 3/8" | G3/8" BSPP | 316 Stainless Steel |
| HT3F4 | 3/8" | 1/2"-14 NPTF | Steel |
| HT3F4-SS | 3/8" | 1/2"-14 NPTF | 316 Stainless Steel |
| HT30F4 | 3/8" | 3/4"-16 ORB | Steel |
| HT3BF4 | 3/8" | G1/2" BSPP | Steel |
| HT3BF4-SS | 3/8" | G1/2" BSPP | 316 Stainless Steel |
| HT4F4 | 1/2" | 1/2"-14 NPTF | Steel |
| HT4F4-SS | 1/2" | 1/2"-14 NPTF | 316 Stainless Steel |
| HT40F4 | 1/2" | 3/4"-16 ORB | Steel |
| HT4BF4 | 1/2" | G1/2" BSPP | Steel |
| HT4BF4-SS | 1/2" | G1/2" BSPP | 316 Stainless Steel |
| HT40F5 | 1/2" | 7/8"-14 ORB | Steel |
| HT4F6 | 1/2" | 3/4"-14 NPTF | Steel |
| HT4F6-SS | 1/2" | 3/4"-14 NPTF | 316 Stainless Steel |
| HT40F6 | 1/2" | 1 1/16"-12 ORB | Steel |
| HT4BF6 | 1/2" | G1/2" BSPP | Steel |
| HT4BF6-SS | 1/2" | G1/2" BSPP | 316 Stainless Steel |
| HT50F5 | 5/8" | 7/8"-14 ORB | Steel |
| HT5F6 | 5/8" | 3/4"-14 NPTF | Steel |
| HT5F6-SS | 5/8" | 3/4"-14 NPTF | 316 Stainless Steel |
| HT50F6 | 5/8" | 1 1/16"-12 ORB | Steel |
| HT5BF6 | 5/8" | G3/4" BSPP | Steel |
| HT5BF6-SS | 5/8" | G3/4" BSPP | 316 Stainless Steel |
| HT6F6 | 3/4" | 3/4"-14 NPTF | Steel |
| HT6F6-SS | 3/4" | 3/4"-14 NPTF | 316 Stainless Steel |
| HT60F6 | 3/4" | 1 1/16"-12 ORB | Steel |
| HT6BF6 | 3/4" | G3/4" BSPP | Steel |
| HT6BF6-SS | 3/4" | G3/4" BSPP | 316 Stainless Steel |
| HT6F8 | 3/4" | 1" -11 1/2 NPTF | Steel |
| HT6F8-SS | 3/4" | 1" -11 1/2 NPTF | 316 Stainless Steel |
| HT6F8 | 3/4" | 1 5/16"-12 ORB | Steel |
| HT6BF8 | 3/4" | G1" BSPP | Steel |
| HT6BF8-SS | 3/4" | G1" BSPP | 316 Stainless Steel |
| HT8F8 | 1" | 1" -11 1/2 NPTF | Steel |
| HT8F8-SS | 1" | 1" -11 1/2 NPTF | 316 Stainless Steel |
| HT80F8 | 1" | 1 5/16"-12 ORB | Steel |
| HT8BF8 | 1" | G1" BSPP | Steel |
| HT8BF8-SS | 1" | G1" BSPP | 316 Stainless Steel |
| HT8F10 | 1" | 1 1/4"-11 1/2 NPTF | Steel |
| HT8F10-SS | 1" | 1 1/4"-11 1/2 NPTF | 316 Stainless Steel |
| HT80F10 | 1" | 1 5/8"-12 ORB | Steel |
| HT8BF10 | 1" | G1 1/4" BSPP | Steel |
| HT8BF10-SS | 1" | G1 1/4" BSPP | 316 Stainless Steel |



(Male Thread)

IMPORTANT

Although a special lubricant is used to protect the flushface seals during pre-service storage, the seals are still vulnerable until they are exposed to the system fluid.

It is recommended to lubricate the seals before the first connection by placing a drop of oil into the main valve grooves on the face of the nipple.

HT-SERIES ISO16028 FLUSHFACE INTERCHANGE (NIPPLE)

| PART NO. | BODY SIZE | THREAD SIZE | BODY MATERIAL |
|----------|-----------|----------------------|---------------|
| HT3M3 | 3/8" | 3/8"-18 NPTF | Steel |
| HT3M4 | 3/8" | 1/2"-14 NPTF | Steel |
| HT30M4 | 3/8" | 3/4"-16 ORB | Steel |
| HT3JM4 | 3/8" | 3/4"-16 JIC | Steel |
| HT3JB4 | 3/8" | 3/4"-16 JIC Bulkhead | Steel |
| HT4M4 | 1/2" | 1/2"-14 NPTF | Steel |
| HT5M6 | 5/8" | 3/4"-14 NPTF | Steel |
| HT6M6 | 3/4" | 3/4"-14 NPTF | Steel |
| HT6M8 | 3/4" | 1" -11 1/2 NPTF | Steel |
| HT8M8 | 1" | 1" -11 1/2 NPTF | Steel |
| HT8M10 | 1" | 1 1/4"-11 1/2 NPTF | Steel |