

Grease Fitting Sockets

For Angled Grease Fittings,
Deep and Shallow
Broach Depth



Part Number	6 Point Magnetic	Hex Size	Square Drive	Overall Length		Broach Depth		Magnet Depth	
				In.	mm	In.	mm	In.	mm
ZN-112	-	3/8	1/4	1 1/4	32	9/16	14	-	-
ZN-312	MZN-312	3/8	3/8	1 1/2	38	9/16	14	7/32	6
ZN-512	-	3/8	1/2	1 1/2	32	9/16	14	-	-
ZN-114	-	7/16	1/4	1 1/4	32	7/16	11	-	-
ZN-314	MZN-314	7/16	3/8	1 1/2	38	7/16	11	7/16	11
ZN-514	MZN-514	7/16	1/2	1 1/2	38	7/16	11	7/16	11
ZE-112	-	3/8	1/4	1 1/4	32	1/8	3	-	-
ZE-314	-	7/16	3/8	1 1/2	38	3/16	5	-	-
ZE-514	-	7/16	1/2	1 1/2	38	3/16	5	-	-

For Straight
Grease Fittings



Part Number	6 Point Magnetic	Hex Size	Square Drive	Overall Length		Broach Depth		Magnet Depth	
				In.	mm	In.	mm	In.	mm
ZA-110	MZA-110	5/16	1/4	1	25	1/8	3	21/64	8
ZA-310	MZA-310	5/16	3/8	1 1/4	32	1/8	3	21/64	8
ZA-510	MZA-510	5/16	1/2	1 1/2	38	1/8	3	19/64	7
ZA-512	-	3/8	1/2	1 1/2	38	1/8	3	-	-
ZA-314	MZA-314	7/16	3/8	1 1/4	32	3/16	5	23/64	9
ZA-514	MZA-514	7/16	1/2	1 1/2	38	3/16	5	3/8	10

Drill Holders

1/4" Male Hex Drive



Part Number	Drill Size	Overall Length		Body Diameter	
		In.	mm	In.	mm
WJ-284-7/64	7/64	2 5/8	67	1/2	13
WJ-284-1/8	1/8	2 5/8	67	5/8	16
WJ-284-9/64	9/64	2 5/8	67	5/8	16
WJ-284-5/32	5/32	2 5/8	67	3/4	19
WJ-284-3/16	3/16	2 5/8	67	3/4	19
WJ-284-1/4	1/4	2 5/8	67	3/4	19
WJ-284-5/16	5/16	2 5/8	67	3/4	19
WJ-284-3/8	3/8	2 5/8	67	1	25

7/16" Male Hex Drive



Part Number	Drill Size	Overall Length		Body Diameter	
		In.	mm	In.	mm
WJ-265-13/64	13/64	2 3/8	60	3/4	19
WJ-265-3/16	3/16	2 3/8	60	3/4	19
WJ-265-1/4	1/4	2 3/8	60	3/4	19
WJ-265-7/16	7/16	2 3/8	60	1	25
WJ-265-3/8	3/8	2 3/8	60	1	25
WJ-265-17/32	17/32	2 3/8	60	1 1/8	29
WJ-265-1/2	1/2	2 3/8	60	1 1/8	29

#5 (1 5/8") Spline Drive

APEX

Extensions



Part Number	Overall Length		
	In.	mm	
EXL-15	15	381	Female spline to male spline

Adapters



Part Number		
EXL-1000		Female spline to 1" male square
EXL-1100		Female spline to 1 1/2" male square

Universal Wrenches



Part Number		
MFL-250		Female spline to male spline (heavy duty)
MFL-1000		Female spline to 1" male square

Universal wrenches must not be used with impact drivers.
Maximum operating angle is 30°.

#5 (1 5/8") Spline Drive Budd Wheel Sockets

Combo. 13/16" Square
1 1/2" Hex



Part Number	Drive	Overall Length	
		In.	mm
HT-848	#5 Spline	4 1/4	108

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Socket Retaining Rings

Plastic Ring With Steel Insert



Part Number	Drive	Inside Diameter	
		In.	mm
10005S	3/4" Square	1 1/4	31.8
10032S•	3/4" Square	1 7/16	36.5
10034S•	3/4" Square	1 5/8	41.3
10008S•	1" Square	1 3/4	44.5
10010S•	1" Square	2	50.8
10015S•	1" Square	2 1/8	54.0
10016S•	1" Square	2 1/4	57.2
10017S	1" Square	2 1/2	63.5
10019S	1" Square	2 5/8	66.7
10020S	1 1/2" Square	2 7/8	73.0
10025S	1 1/2" Square	3 3/8	85.7

Metal Ring



Part Number	Drive	Inside Diameter	
		In.	mm
MET-1301C•	3/8" Square	.677	17.2
MET-1302C•	3/8" Square	.771	19.6
MET-1401C•	1/2" Square	.885	22.5
MET-1402C•	1/2" Square	1.086	27.6
MET-1600C•	3/4" Square	1.594	40.5
MET-1800C•	1" Square	1.948	49.5

Adapters

#130-A Yankee Drive for Spiral Type Driver



Part Number	Male Square In.	Overall Length		Shank Diameter	
		In.	mm	In.	mm
YK-250	1/4	1 15/16	49	.277	7.0
YK-370•	3/8	2 3/16	56	.277	7.0
YK-500	1/2	2 5/16	59	.277	7.0

#131-A Yankee Drive for Spiral Type Driver



Part Number	Male Square In.	Overall Length		Shank Diameter	
		In.	mm	In.	mm
YK-501	1/2	2 5/16	59	.310	8.0

#135-A Yankee Drive for Spiral Type Driver



Part Number	Male Square In.	Overall Length		Shank Diameter	
		In.	mm	In.	mm
YK-252	1/4	1 15/16	49	.215	5.5
YK-372•	3/8	2 3/16	56	.215	5.5
YK-502	1/2	2 5/16	59	.215	5.5

Female Threaded Adapters



Part Number	Female Thread	Male Square In.	Type of Lock
TH-257	3/8"-24	1/4	Pin
TH-377	3/8"-24	3/8	Pin
TH-501	3/8"-24	1/2	Pin
TH-378	1/2"-20	3/8	Pin
TH-502	1/2"-20	1/2	Pin

Male Threaded Adapters



Part Number	Male Thread	Hex Drive
TM-24•	3/8"-24	1/4
TN-24	3/8"-24	7/16
TM-20•	1/2"-20	1/4
TN-20•	1/2"-20	7/16

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Adapters



Socket & Ratchet Wrench Adapters, SAE



Part Number	Male Square In.	Male Hex In.	Overall Length In.
A-108●	1/4	1/4	25/32
A-110●	1/4	5/16	25/32
A-112●	1/4	3/8	25/32
A-114●	1/4	7/16	25/32
A-116	1/4	1/2	25/32
A-118	1/4	9/16	25/32
A-120	1/4	5/8	25/32
A-312●	3/8	3/8	1 1/64
A-314●	3/8	7/16	1 1/64
A-316●	3/8	1/2	1 5/64
A-318●	3/8	9/16	1 5/64
A-320	3/8	5/8	1 5/64
A-322	3/8	11/16	1 5/64
A-324	3/8	3/4	1 5/64
A-328	3/8	7/8	1 5/64
A-512	1/2	3/8	1 3/32
A-514●	1/2	7/16	1 3/32
A-516●	1/2	1/2	1 3/32
A-518●	1/2	9/16	1 3/32
A-520●	1/2	5/8	1 1/8
A-522●	1/2	11/16	1 1/8
A-524●	1/2	3/4	1 1/8
A-526	1/2	13/16	1 1/8
A-528	1/2	7/8	1 1/8
A-530●	1/2	15/16	1 1/8
A-534	1/2	1 1/16	1 1/8
A-536	1/2	1 1/8	1 1/8
A-538	1/2	1 3/16	1 1/8
A-540	1/2	1 1/4	1 1/8

Socket & Ratchet Wrench Adapters, Metric



Part Number	Male Square In.	Male Hex mm	Overall Length In.	mm
A-1-6mm	1/4	6	25/32	20
A-1-7mm	1/4	7	25/32	20
A-1-8mm●	1/4	8	25/32	20
A-1-9mm	1/4	9	25/32	20
A-1-10mm●	1/4	10	25/32	20
A-1-11mm	1/4	11	25/32	20
A-1-12mm	1/4	12	25/32	20
A-1-13mm	1/4	13	25/32	20
A-3-10mm●	3/8	10	15/16	24
A-3-11mm●	3/8	11	15/16	24
A-3-12mm●	3/8	12	15/16	24
A-3-13mm●	3/8	13	15/16	24
A-3-14mm●	3/8	14	15/16	24
A-3-15mm●	3/8	15	15/16	24
A-3-16mm●	3/8	16	15/16	24
A-3-17mm●	3/8	17	15/16	24
A-3-18mm●	3/8	18	15/16	24
A-3-19mm	3/8	19	15/16	24
A-5-10mm●	1/2	10	1 1/8	29
A-5-11mm	1/2	11	1 1/8	29
A-5-12mm	1/2	12	1 1/8	29
A-5-13mm●	1/2	13	1 1/8	29
A-5-14mm	1/2	14	1 1/8	29
A-5-15mm●	1/2	15	1 1/8	29
A-5-16mm●	1/2	16	1 1/8	29
A-5-17mm●	1/2	17	1 1/8	29
A-5-18mm●	1/2	18	1 1/8	29
A-5-19mm●	1/2	19	1 1/8	29
A-5-20mm	1/2	20	1 1/8	29
A-5-21mm●	1/2	21	1 1/8	29
A-5-22mm	1/2	22	1 1/8	29
A-5-23mm	1/2	23	1 1/8	29
A-5-24mm●	1/2	24	1 1/8	29
A-5-25mm	1/2	25	1 1/8	29

Sockets with Male Hex



Part Number	Female Square In.	Male Hex In.	Overall Length In.	mm
SJ-375	5/16	3/8	13/16	21
SJ-379	1/2	3/8	1	25
SJ-380	9/16	3/8	1	25
SJ-349	3/8	7/16	15/16	24
SJ-350	7/16	7/16	15/16	24
SJ-351	1/2	7/16	1	25
SJ-352	9/16	7/16	1	25
SJ-360	3/8	1/2	15/16	24
SJ-361	7/16	1/2	15/16	24
SJ-241	1/2	1/2	1	25
SJ-362	9/16	1/2	1	25
SJ-364	11/16	1/2	1 3/16	30
SJ-55	7/16	9/16	15/16	24
SJ-66	1/2	9/16	1	25
SJ-67	9/16	9/16	1	25
SJ-68	5/8	9/16	1 1/8	28

Hex Drive Universal Adapters



Male Hex to Male Square – Extension

Part Number Standard	Tension	Male Sq. In.	Male Hex In.	Type of Lock	Overall Length In.	mm	Largest Diameter In.	mm
-	KSM-25-3●	1/4	1/4	Pin	3	76	5/8	15.9
KCM-25-B-6	KSM-25-B-6	1/4	1/4	Ball	6	152	5/8	15.9
KCM-37-6	KSM-37-6	3/8	1/4	Pin	6	152	3/4	19.1
-	KSM-37-B-6	3/8	1/4	Ball	6	152	3/4	19.1

Universal wrenches must not be used with impact drivers.
Maximum operating angle is 30°.
Standard lengths are 3", 6", 9" and 12" (76, 152, 229 and 305mm).

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